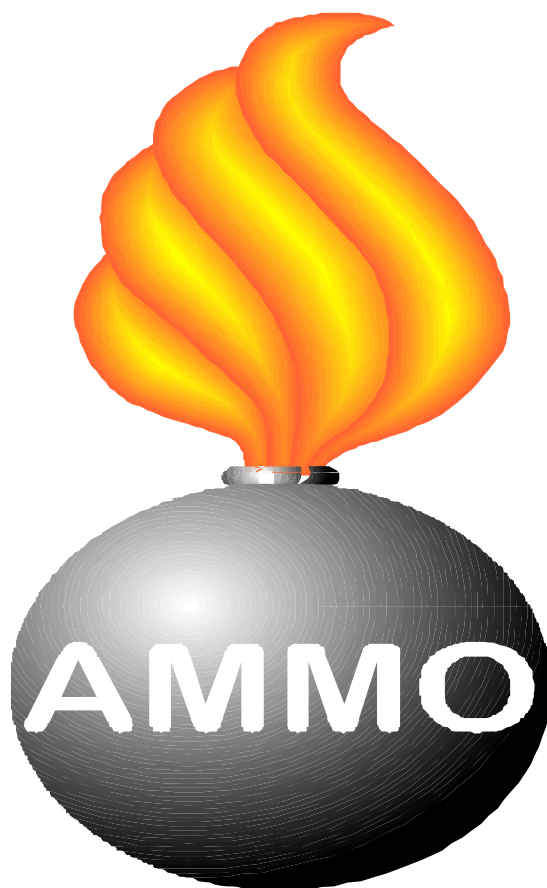


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MUNITIONS SYSTEMS



CAREER FIELD EDUCATION
AND TRAINING PLAN

**CAREER FIELD EDUCATION AND TRAINING PLAN
MUNITIONS SYSTEMS SPECIALTY
AFSC 2W0X1**

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MUNITIONS SYSTEMS SPECIALTY
AFSC 2W0X1
CAREER FIELD EDUCATION AND TRAINING PLAN

Part I

Preface

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for the Munitions Systems specialty. The CFETP will provide personnel a clear career path to success incorporating all aspects of career field training. *NOTE:* Civilians occupying associated positions should use Part II to support duty position qualification training.

2. The CFETP consists of two parts; both parts are used by supervisors to plan, manage, and control training within the career field.

Note: This CFETP replaces CFETP 2W0X1, dated 1 August 98, CFETP 2W0X1 Change Supplement 1, dated March 2000, and all previous related messages. Maintain Parts I and II in the Flight and Element master training plan. Only Part II is required for individual training records, however familiarity with the contents of Part I is a must for all personnel.

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan. Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path. Section C associates each level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints (some examples are funds, manpower, equipment, and facilities). Section E identifies transition training guide requirements for SSgt through MSgt.

2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references to support training, Air Education and Training Command (AETC) conducted training, core tasks, and correspondence course requirements. Section B contains the core task table supervisors will use to determine if airmen satisfied training requirements for 5- and 7-skill levels. Section C identifies support material when applicable. Section D identifies training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses. Section E identifies MAJCOM-unique training requirements when applicable. Section F includes the Air Force Job Qualification Standard (AFJQS) for Weapons Safety Manager duties.

3. Using guidance provided in the CFETP will ensure individuals in munitions systems receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT). Formal course which provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills and knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of the AFS.

Air Force Career Field Manager (AFCFM). An individual at Air Staff that determines training needs and requirements and directs training programs for his/her career field(s).

Air Force Combat Ammunition Center (AFCOMAC). The common name for the 9th Munitions Squadron located at Beale Air Force Base, where munitions systems personnel train on combat ammunition planning and employment.

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS). A comprehensive task list, which describes a particular job type or duty position. Used by supervisors to document task qualifications. The tasks on AFJQS/CJQS are common to all persons serving in the described duty position.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Certification. A formal indication of an individual's ability to perform a task to required standards.

Certification Official. A person the commander assigns to determine an individual's ability to perform a task to required standards.

Core Task. A task Air Force career field managers (AFCFM) identify as a minimum qualification requirement within an Air Force specialty or duty position as listed in Part II.

Critical Tasks. Tasks that have been identified by the workcenter supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as 'critical' to the individual's position by the supervisor or workcenter.

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other means to supplement training.

Field Technical Training (Type 4). Special or regular on-site training conducted by a field training detachment (FTD) or by a mobile training team (MTT).

Initial Skills Training. A formal resident course which results in award of the apprentice skill level.

MAJCOM Functional Manager (MFM). Identifies command qualification requirements and coordinates training solutions for skill levels assigned.

Munitions Control 2000 (MC2K). Computer based program used by munitions personnel to track equipment and other munitions activities.

Occupational Survey (OS). A detailed survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, over-the-shoulder training conducted to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

Skills Training. A formal course which results in the award of a skill level.

Specialty Training. A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in the award of a skill level.

Specialty Training Standard (STS). An Air Force publication that describes skills and knowledge that an airman in a particular Air Force specialty needs on the job. It further serves as a contract between Air Education and Training Command and the user to show the overall training requirements for an Air Force specialty code that the formal schools teach.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference, model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results.

Task Certified. Identifies individuals who have completed training on core tasks. When individual, trainer, and certifying official initial training completion blocks of the STS, the person is then certified to perform that task.

Task Qualified. Identifies individuals who have completed training on non-core tasks. When individual and trainer initial training completion blocks of the STS, the person is then qualified to perform that task.

Total Force. All collective Air Force components (active, reserve, guard, and civilian elements) of the United States Air Force.

Training Capacity. The capability of a training setting to provide training on specified requirements, based on the availability of resources.

Upgrade Training (UGT). Mandatory training which leads to attainment of a higher skill level.

Utilization and Training Pattern. A depiction of the training provided to and the jobs performed by personnel throughout their tenure within a career field or Air Force specialty. There are two types of patterns: 1) Current

pattern, which is based on the training provided to incumbents and the jobs to which they have been and are assigned; and 2) Alternate pattern, which considers proposed changes in manpower, personnel, and training policies.

Utilization and Training Workshop (U&TW). A forum of the Air Force Career Field Manager, MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SME), and AETC training personnel that determine career ladder training requirements.

Section A - General Information

1. Purpose. This CFETP provides information necessary for Air Force Career Field Managers (AFCFM), MAJCOM functional managers (MFM), commanders, training managers, supervisors and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in the munitions systems career field should receive in order to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the Air Force Specialty (AFS)-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. For munitions systems, this training is conducted by AETC at Sheppard AFB. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, and 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills and knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training (in-residence, exportable, advanced training courses, or on-the-job training) provided to munitions personnel to increase their skills and knowledge beyond the minimum required for upgrade. **To read, review, download, or print a copy of the current CFETP (Part I or Part II), go to the Air Force Pubs web site at <http://afpubs.hq.af.mil/>, or the 363d Training Squadron homepage at: <https://webi.sheppard.af.mil/363trs/cfetps.htm>.** The CFETP has several purposes. It:

- 1.1. Serves as a management tool to plan, manage, conduct, and evaluate the munitions systems training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.
- 1.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends education and training throughout each phase of an individual's career.
- 1.3. Lists training courses available in munitions systems, identifies sources of training, and notes the training delivery method.
- 1.4. Identifies major resource constraints that impact full implementation of the desired career field training process.

2. Uses. MFMs, supervisors, certifiers, trainers and trainees use the plan to ensure comprehensive and cohesive training programs are used for each individual in the munitions specialty.

2.1. AETC training personnel will develop and revise formal resident, non-resident, field and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable courses can satisfy identified requirements. MAJCOM-developed training to support the Munitions AFSC must be identified for inclusion into this plan.

2.3. Each individual will complete the mandatory training requirements specified in this plan. The lists of courses in Part II will be used as a reference to support training.

3. Coordination and Approval. AFCFM (HQ USAF/ILMW, DSN 227-4270) is the approval authority for the CFETP. MAJCOM representatives and the AFCFM will identify and coordinate on munitions systems field training requirements. The AETC training manager for this specialty (363 TRS/TRRM, Sheppard AFB, DSN 736-1828) will initiate an annual review of this document by AETC, the AFCFM, and MFMs to ensure currency and accuracy. They will use the list of courses in Part II to eliminate duplicate training. All questions or change recommendations regarding the CFETP will be routed through the respective MFM.

Section B - Career Progression and Information

4. Specialty Description.

4.1. Specialty Summary. Performs and manages munitions production and materiel tasks and activities. Identifies munitions and equipment requirements. Operates and maintains automated data processing equipment (ADPE) to perform munitions accounting, computations, and research. Stores, maintains, assembles, issues, and delivers assembled nonnuclear munitions. Routinely demilitarizes nonhazardous munitions. Operates and maintains munitions materiel handling equipment (MMHE). Develops and implements munitions materiel management concepts and procedures. Complies with explosive, missile, and ground safety, security, and environmental directives and practices. Identifies munitions by filler, color code, marking, or physical characteristics. Receives, stores, handles, and transports nuclear weapons.

4.2. Duties and Responsibilities.

4.2.1. Tests, assembles, and processes nonnuclear munitions. Prepares munitions for loading on aircraft. Checks safe and arm mechanisms. Installs warheads, guidance units, fuzes, arming wire, explosive bolts, squibs, strakes, wings, fins, control surfaces, and tracking flares. Prepares, assembles, and tests aircraft rockets and loads in launchers. Processes aircraft gun ammunition. Maintains and reconditions munitions and MMHE. Reconditions, repairs, and replaces defective or missing parts. Maintains shop or bench stock materiel and secures replenishment. Modifies munitions and all MMHE when directed. Inspects munitions for serviceability and applies munitions product assurance procedures. Installs spotting charges in bombs. Processes ammunition. Inspects ammunition, components, and containers for defects. Prepares documentation indicating identification and quantity of assets. Performs routine demilitarization of nonexplosive munitions. Repackages munitions and applies container markings.

4.2.2. Receives, stores, handles, and transports nonnuclear munitions. Unloads and unpacks munitions. Checks shipping documents for accuracy. Delivers munitions to assembly, storage, or maintenance areas. Prepares munitions for shipment. Determines and maintains storage facilities, reports, safety and security requirements. Performs inspections and maintains inspection and storage records. Issues nonnuclear munitions. Performs operator maintenance on munitions vehicles and equipment. Performs munitions materiel management and materiel accounting functions. Performs and oversees management and procedural

application of manual and automated inventory control and accounting functions. Determines inventory control actions. Conducts inventories and corrects discrepancies. Accomplishes requisitioning actions and maintains due-in, due-out, and status files. Maintains source document control and ensures validity and completeness. Recommends system and program changes to data processing methods. Develops and maintains stock level data. Monitors excess munitions programs. Prepares reports. Operates and maintains ADPE for munitions accounting, reporting, and status configuration. Operates and maintains ADPE for munitions accounting, reporting, and status configuration. Coordinates with maintenance activities on repairable munitions components. Obtains material for equipment modifications, periodic component exchange, and maintenance. Receives, stores, handles, and transports nuclear weapons.

4.2.3. Establishes and evaluates performance standards, maintenance controls, and work procedures. Computes data to support financial planning and programming. Analyzes and validates munitions host-tenant and interservice munitions support agreements and plans. Develops methods and techniques to maintain and recondition munitions handling equipment. Evaluates munitions account condition, identifies deficiencies, and initiates corrective actions. Ensures compliance with policies, directives, and procedures. Evaluates munitions equipment maintenance. Evaluates procedures for assembling, renovating, and storing munitions, and procedures for demilitarization of nonexplosive munitions. Provides status information and expected completion dates. Analyzes mission effectiveness, program requirements, stock control levels, and validates requirements. Analyzes stockpile requirements to determine type and quantity of munitions facilities needed to safely store, inspect, maintain, and secure munitions assets.

4.3. **Specialty Qualifications.** Knowledge is mandatory of: composition and characteristics of munitions, storage, safety, security, and environmental requirements and procedures; fuzing and arming systems; technical drawings; precision measuring tools and equipment; wiring diagrams; handling, use, and disposition for nonhazardous materials; munitions material accounting systems; basic mathematics; policies and procedures for accountability and pecuniary liability; techniques of munitions materiel management and procurement; Air Force property accounting; munitions policies and procedures; inventory and stock control; preparing and maintaining munitions records and documents; procedures for hazardous and nonhazardous materials; and procedures for assets turn-in.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do his or her part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in his or her career.

5.1. **Apprentice (3) Level.** Upon completion of initial skills training, trainees will work with a trainer to enhance their knowledge and skills. They will use the 2W051 Career Development Course and Task Qualification Training identified in the STS, AFJQS, and MAJCOM-identified training programs to progress in the career field. It is highly encouraged that airmen complete the 5-level CDC within one year to be successfully upgraded in a timely manner. The 3-skill level personnel are not normally assigned as Munitions Inspectors or Munitions Controllers. The 3-skill level personnel *must* be certified in core tasks in at least two functional areas identified in the core task table prior to being awarded a 5-skill level. ***Once trained and qualified, a trainee may perform the task unsupervised, except where prohibited by safety or security requirements.***

5.2. **Journeyman (5) Level.** Once upgraded to the 5-skill level, a Journeyman will enter into continuation training to broaden his or her experience base. Our 5-skill level personnel may be assigned to crewmember or

crew chief positions in any of the nine functional areas in the munitions storage area. Individuals will attend the Airman Leadership School (ALS) after serving 48 months in the Air Force. 5-skill level personnel may be considered for supervisory duties after attending ALS. Individuals will use their Career Development Course (CDC) to prepare for testing under the Weighted Airman Promotion System (WAPS). They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree. Journeyman *must* be certified in core tasks in at least four functional areas identified in the core task table, attend AFCOMAC's Combat Ammunition Planning and Production (CAPP) course, complete 7-level CDC, and attend the in-resident Craftsman course prior to being awarded a 7-skill level.

5.3. Craftsman (7) Level. Craftsmen can expect to fill various supervisory positions within an organization. They may also be assigned to work in staff positions at squadron, group, wing, or command levels. Our 7-skill level munitions personnel should take courses or obtain knowledge of management of resources. Continued academic education through CCAF and higher degree programs is highly encouraged. In addition, when promoted to TSgt, individuals will attend the Noncommissioned Officer Academy. ARC personnel may utilize distance learning for the NCOA. Craftsmen *must* be certified in core tasks in at least six functional areas identified in the core task table and attend AFCOMAC as a SNCO prior to being awarded a 9-skill level.

5.4. Superintendent (9) Level. 9-skill level munitions managers can be expected to fill supervisory and management positions within an organization. They should also strive to gain experience in all major functional divisions of the Munitions Storage Area commonly referred to as *Systems, Materiel and Production*, and should seek additional training in budget, manpower, resources, and personnel management through continuing education programs. They may also be assigned to work in staff positions at squadron, group, wing, or command levels. All 9-skill levels will attend the Senior Noncommissioned Officer Academy upon promotion to SMSgt, if not afforded the opportunity as a MSgt. Additional higher education is strongly recommended. ARC personnel may utilize distance learning for the SNCOA.

5.4.1. Once promoted to SMSgt and CMSgt, individuals are added to a master listing at AFCOMAC. Ranking on this list is based on date and rank last attended. The SMSgt and CMSgt attendee roster is then developed at the annual AFCOMAC Curriculum Review. These selected individuals are expected to attend AFCOMAC when scheduled in order to ensure proper class structure and the appropriate training of all attendees is accomplished.

6. Training Decisions. Training decisions are made during Utilization and Training Workshops. Functional managers use Occupational Survey, Field Evaluation Questionnaire, and Graduate Assessment Survey data in their decision making process. Supervisors must understand the importance of these documents, and that they be returned in a timely manner. The Air Force Career Field Manager, in conjunction with MAJCOM Functional Managers and Subject Matter Experts, works with training experts from the 363d Training Squadron, Sheppard AFB, to develop and approve the munitions systems training process. Changes to the process, including this CFETP, the STS, AFJQS, CDCs, or formal course content will be addressed through the unit munitions flight chief to the MFM for coordination and approval. The MFMs forward their recommendation to the 363 TRS for coordination and consideration.

Note: The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the munitions systems career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training.

6.1. Initial Skills. No significant changes were made to the 3-skill level course.

6.2. 5-Skill Level Requirements. Upgrade to Journeyman requires completion of CDC 2W051A and 2W051B. These may be completed in any sequence. However, supervisors determine which CDC an upgrade airman will enroll in first. 2W051A (4 vols.) covers systems and materiel while 2W051B (3 vols.) covers production.

6.3. 7-Skill Level Requirements. Upgrade to Craftsman requires attendance to AFCOMAC, completion of CDC 2W071, and in-residence Craftsman course. The Craftsman upgrade path provides enhanced training in munitions systems knowledge, accountability, serviceability, maintainability, and reliability, and increases the ability to collect and analyze data and apply the result in problem solving.

Note: Individuals who completed previous in-residence course J3ACR2W071-000 or J3ACR2W071-001 prior to 1 Jan 99 are not required to complete CDC 2W071.

6.4. 9-Skill Level Upgrade Requirements. Attend AFCOMAC as a SNCO, and sew on SMSgt.

6.5. Proficiency Training. Any additional knowledge and skill requirements that were not taught through initial skills or upgrade training are assigned to continuation training. The purpose of continuation training is to provide additional training exceeding minimum upgrade requirements with emphasis on present and future duty positions. In order to effectively broaden the knowledge base for personnel in this career field, experience in several different functional areas of the munitions storage area is a necessity.

7. Community College of the Air Force (CCAF). Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree in Munitions Systems Technology. The Journeyman 5-skill level must be held at the time of program completion. The following are CCAF requirements for the Associate Degree.

7.1. CCAF Requirements

Overall Requirements					
Subject	Semester Hours	Description			
Technical Education	24	A minimum of 12 semester hours of technical core subjects or courses must be applied. The remaining semester hours are applied from technical core or technical elective subjects and courses.			
Leadership, Management, and Military Studies	6	Professional military education and/or civilian management courses. The preferred method of completing this requirement is through attending an Airman Leadership School, NCO Academy, and/or AF Senior NCO Academy. Civilian courses that emphasize fundamentals of managing human or materiel resources may also be applicable.			
Physical Education	4	Basic Military Training satisfies this requirement.			
General Education	15	This requirement is satisfied by application of courses accepted in transfer or by testing credit. See course breakout below.			
Program Elective	15	Satisfied with applicable Technical Education, Leadership, Management and Military Studies, or General Education subjects or courses, including natural science courses meeting general education requirements application criteria. Six semester hours of CCAF degree-applicable technical credit, otherwise not applicable to this program may, be applied.			
Total	64				
General Education Courses					
Oral Communication	3	Speech			
Written Communication	3	English Composition			
Mathematics	3	Intermediate algebra or college-level math. If an acceptable math course is applied as technical or program elective, a natural science course meeting general educational requirements may be applied as a General Education requirement.			
Social Science	3	Anthropology, Archaeology, Economics, Geography, Government, History, Political Science, Psychology, Sociology			
Humanities	3	Fine Arts (Historical significance, criticism, and appreciation), Foreign Language, Literature, Philosophy, Religion			
Total	15				
Technical Education					
Technical Core		Technical Electives			
CCAF Internship	16	Adv. Munitions Sys	12	Fluid Power	3
Munitions Systems	12	Adv. Nuclear Weapons Systems	12	Gen. Chemistry or Algebra-based Physics	8
Nuclear Weapons Systems	12	Enlisted PME	12	Heavy Equipment Op/Maint	3
		AFCOMAC (ARC)	5(3)	Industrial Safety	3
		Basic Accounting	3	Inventory Management	3
		Computer Science	6	Maintenance Management	3
		Corrosion Control	3	Materiel management	3
		Electricity/Electronic	6	Reactor Technology	3
		Engineering Graphics	3	Statistics	3

7.2. CCAF also offers the following:

7.2.1. **Occupational Instructor Certification.** Upon completion of instructor qualification training, consisting of the instructor methods course and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander or commandant for certification as an occupational instructor.

7.3. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command Instructor (*including FTD*) or AFCOMAC Advisor must actively pursue an associates degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Path.

Table 8.1. Enlisted Career Path				
Education and Training Requirements	GRADE REQUIREMENTS			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training school				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training (Minimum OJT requirement for retrainees is 9 months) - Complete CDCs - Certified in core tasks in at least two functional areas.	A1C SrA	16 months 3 years	28 Months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only)				
<u>Trainer</u> - Qualified and certified to perform the task to be trained. - Have attended formal AF Trainer's Course and be appointed in writing by the Commander	<u>Certifier</u> - Be at least a SSgt with a 5-level or civilian equivalent - Be someone other than the trainer - Be qualified and certified to perform the task being certified - Must have attended formal AF Trainer's Course and be appointed in writing by the Commander			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt - 12 months on-the-job training (same for retrainees) - Complete CDCs (refer to table 10.2.) - Attend In-residence Craftsman Course - Certified in 5- and 7-level core tasks in at least four functional areas - Attend AFCOMAC (if not previously attended)	SSgt	7 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee - Resident graduation is a prerequisite for MSgt sew-on (AD only)	TSgt	14.5 years	5 years	22 Years
USAF Senior NCO Academy (SNCOA) - In-resident or by correspondence - Must be a MSgt, SMSgt Selectee, or SMSgt - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only)	MSgt	16.5 years	8 years	24 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt - Attend AFCOMAC as a Senior NCO - Certified in 5- and 7-level core tasks in at least six functional areas.	SMSgt	20 years	11 years	26 Years
CEM	CMSgt	22.5 years	14 years	30 Years

Section C - Skill Level Training Requirements

9. Purpose. Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award and retention of each skill level. The specific task and knowledge training requirements are identified in the core task table of this CFETP. The 2W0 AFCFM has established a core task table that specifically meets the needs of the 2W0 community. **Note:** Due to the diversity of the 2W0 specialty, all core tasks for the career field are not required for upgrade. Use CFETP Part I, Table 8.1 and CFETP Part II, Section B core task table to determine core tasks required for upgrade.

10. Specialty Qualification .

10.1. Apprentice and Journeyman Specialty Qualifications

	<i>Apprentice</i>	<i>Journeyman</i>
Knowledge	Knowledge of the following is mandatory: composition and characteristics of munitions, storage, safety, security, and environmental requirements and procedures; fuzing and arming systems; technical drawings; precision measuring tools and equipment; wiring diagrams; handling, use, and disposition of munitions; munitions materiel accounting systems; basic mathematics; techniques of munitions materiel management and procurement; Air Force property accounting; munitions policies and procedures; inventory and stock control; preparing and maintaining munitions records and documents; procedures for hazardous and nonhazardous materials; and procedures for asset turn-in.	
Education	Completion of high school or general education development equivalency is mandatory for entry into this specialty.	Qualification in and possession of AFSC 2W031.
Training	Successful completion of the Munitions Systems Apprentice Course is mandatory for award of AFSC 2W031.	Completion of the 2W051 CDC is mandatory.
Experience		A minimum of 15 months experience as a trainee is required for upgrade to the 5-skill level. Experience is mandatory in performing functions such as warehousing, accounting, mechanical assembly, electronics, preparing munitions for shipment, and preparing and maintaining documentation and records for inventory management actions involving automated systems. Additionally, personnel must have been certified in two functional areas identified in the core task table.
Other	For entry into the specialty, individuals must have normal color vision, depth perception, and additional requirements as defined in AFMAN 48-123, <i>Medical Examination and Standards</i> . They must also meet the qualifications to operate government vehicles according to AFI 24-301, <i>Vehicle Operations</i> . For award and retention of AFSC 2W0X1, individuals must meet eligibility requirements for a Secret security clearance according to AFI 31-501, <i>Personnel Security Management Program</i> .	
Training Sources and Resources	The munitions systems technical school at Sheppard AFB provides basic knowledge and skills necessary for the award of the 3-skill level. This training can be reviewed by examining the 3-skill level column in the STS.	Supervisors are responsible for enrolling trainees in CDC 2W051 and administering the course. The CDCs provide much of the knowledge necessary for upgrade training. The supervisor and trainer provide qualification training by assigning a trainee to a duty position and using the STS to determine qualification tasks to be trained.
Implementation	Students are awarded a 3-skill level upon successful completion of the Munitions Systems Apprentice Course, J3ABR2W031-005.	The 5-skill level is awarded to individuals that meet the requirements in Table 8.1. Note: The core task requirements are a career total and are not meant to imply that 5-skill level trainees have to be concurrently certified in two functional areas.

10.2. Craftsman and Superintendent Specialty Qualifications

	<i>Craftsman</i>	<i>Superintendent</i>
Specialty Qualification	Qualification in and possession of AFSC 2W051. Experience is mandatory in supervising or performing functions such as: receiving, identifying, inspecting, storing, reconditioning, issuing, delivering, maintaining, testing, and assembling guided and unguided munitions; and preparing and maintaining documentation and records for inventory management actions.	Qualification in and possession of AFSC 2W071. Experience is mandatory in managing functions such as accountable munitions materiel operations; munitions storage, maintenance, and assembly functions; munitions inspection; equipment maintenance; line delivery and handling functions; and maintaining munitions materiel management accounts.
Knowledge	Knowledge is mandatory of: composition and characteristics of munitions, storage, safety, security, and environmental requirements and procedures; fuzing and arming systems; technical drawings; precision measuring tools and equipment; wiring diagrams; handling, use, and disposition of munitions; munitions materiel accounting systems; basic mathematics; techniques of munitions materiel management and procurement; Air Force property accounting; munitions policies and procedures; inventory and stock control; preparing and maintaining munitions records and documents; procedures for hazardous and nonhazardous materials; and procedures for asset turn-in.	
Education	Craftsmen should pursue an Associates Degree in Munitions Systems Technology.	Superintendents are strongly encouraged to complete an Associates Degree and are encouraged to seek an advanced degree.
Training	Completion of AFCOMAC CAPP course, the 2W071 CDC, and in-residence Craftsman course are mandatory for award of the 7-skill level.	Completion of AFCOMAC CAPP course as a Senior NCO is required. All 9-skill level munitions systems training is gained through experience and OJT.
Experience	Individuals must complete 12 months of OJT from the 1 st day of the 1 st month of the SSgt promotion cycle they were promoted in. They must also be certified in four functional areas identified in the core task table.	Individuals training for the 9-skill level must seek supervisory/management positions in the munitions storage area and staff positions at group, wing, and MAJCOM level. They must also be certified in at least six functional areas in the core task table, and sew on the grade of SMSgt.
Other	For entry into the specialty, individuals must have normal color vision, depth perception, and additional requirements as defined in AFMAN 48-123, <i>Medical Examination and Standards</i> . They must also meet the qualifications to operate government vehicles according to AFI 24-301, <i>Vehicle Operations</i> . For award and retention of AFSC 2W0X1, individuals must meet eligibility requirements for a Secret security clearance according to AFI 31-501, <i>Personnel Security Management Program</i> .	
Training Sources & Resources	Supervisors are responsible for enrolling trainees in CDC 2W071. The CDCs provide knowledge necessary for upgrade training. The supervisor and trainer provide qualification training by assigning a trainee to a duty position and using the STS to determine qualification tasks to be trained. AFCOMAC is developed and maintained by the 9 MUNS at Beale AFB, California. Additional courses are listed in CFETP Part II, Training Course Index.	
Implementation	The 7-skill level is awarded to individuals that meet the requirements in Table 8.1. Note: If previously certified, recertification is not required. The core task requirements are a career total and are not meant to imply that 7-skill level trainees have to be concurrently certified in four functional areas. For personnel in the grade of MSgt, once Table 8.1 training requirements are met and documented, the CFETP will be maintained as an inactive document until 9-skill level upgrade.	The 9-skill level is awarded to individuals that meet the requirements in Table 8.1. Note: If previously certified, recertification is not required. The core task requirements are a career total and are not meant to imply that 9-skill level trainees have to be concurrently certified in six functional areas.

Section D - Resource Constraints

11. Purpose. This section identifies known resource constraints which preclude optimal or desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

12. Training:

12.1. CAS-B Users Training:

12.1.1. Constraints. No formal training exists at this time.

12.1.1.1. Impact. Lack of standardization, potential loss of accountability, system not used to its fullest potential. MAJCOMs are forced to implement their own CAS-B training.

12.1.1.2. Resources Required. Man-days, TDY funds, equipment, computer time, and facilities.

12.1.1.3. Action Required. Obtain resources and formalize/standardize training.

12.1.2. OPR and Target Completion Date. To be determined.

12.2. Munitions Operations Training:

12.2.1. Constraints. No formal munitions operations training exists at this time.

12.2.1.1. Impact. MAJCOMs are concern over accountability and the loss of expertise due to the consolidation of AFSCs (old 46510 AFK AFSC in to the 2W0X1 AFSC). MAJCOMs are forced to implement their own accountability training program.

12.2.1.2. Resources Required. Man-days, TDY funds, equipment, computer time, and facilities.

12.2.1.3. Action Required. Obtain resources and formalize/standardize training.

12.2.2. OPR and Target Completion Date. To be determined.

12.3. Munitions Accountability System Officer (MASO):

12.3.1. Constraints. No formal MASO training exists at this time.

12.3.1.1. Impact. Air Force accountability practices are at times questionable due to the lack of training. MAJCOMs are forced to implement their own MASO training program.

12.3.1.2. Resources Required. Man-days, TDY funds, equipment, computer time, and facilities.

12.3.1.3. Action Required. Obtain resources and formalize/standardize training.

12.3.2. OPR and Target Completion Date. To be determined.

13. This section is reserved for future use.

14. This section is reserved for future use.

Section E - Transitional Training Guide. There are currently no transition training requirements. This area is reserved for future use.

Section F - Air Force Job Qualification Standard

1. Weapons Safety Manager (Support Module)

1.1. This Air Force Job Qualification Standard (AFJQS) pertains to AFSC 2W0X1 Active, AFRC, and ANG personnel performing Weapon Safety Manager duties. The AFJQS will be filed in the AF Form 623 or AF Form 623B, and will be used in conjunction with the current 2W0X1, Munitions Systems Journeyman and Craftsman STS. This AFJQS will remain in effect until superseded or rescinded, regardless of the date of the 2W0X1 Munitions Systems Journeyman and Craftsman STS.

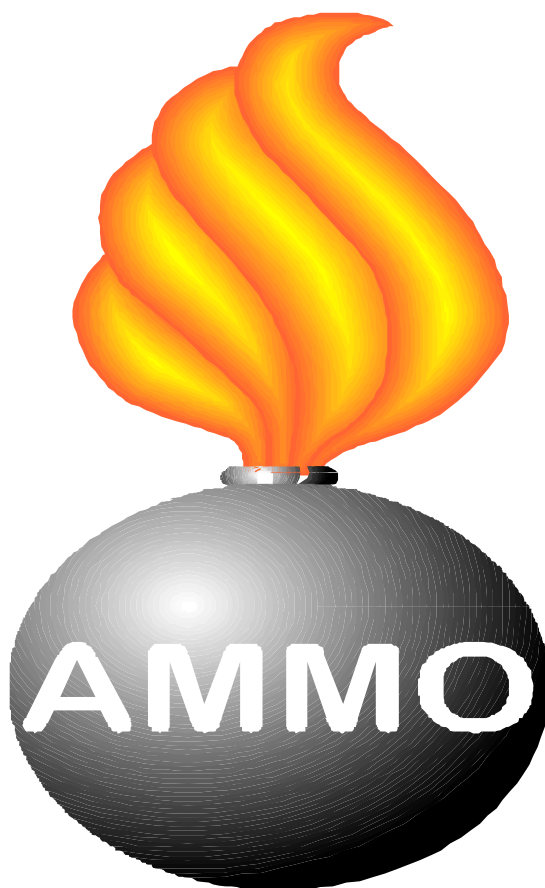
1.2. Supervisors will identify the weapons safety manager tasks that their sections perform in this AFJQS.

1.3. Technical references may be added/deleted as required.

DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington, DC 20330-1030

CFETP 2W0X1
Part II
1 Dec 01

AFSC 2W0X1
MUNITIONS SYSTEMS



CAREER FIELD EDUCATION
AND TRAINING PLAN

**CAREER FIELD EDUCATION AND TRAINING PLAN
MUNITIONS SYSTEMS SPECIALTY
AFSC 2W0X1**

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Note: This CFETP replaces CFETP 2W0X1 Part II, dated 1 August 98, CFETP 2W0X1 Change Supplement 1, dated 1 March 2000, and all previous related messages. Maintain both Parts I and II in the Flight and Element master training plans. Only Part II is required for individual training records, however familiarity with the contents of Part I is a must for all personnel.

Part II

Section A - Specialty Training Standard

1. Implementation. This STS becomes effective when published.

2. Purpose. This STS defines the technical training requirements for in resident and non-resident upgrade courses and non-AFSC awarding supplemental courses. This STS is also the job qualification standard when placed in AF Form 623 or AF Form 623B, **On-The-Job Training Record**, and used according to AFI 36-2201, *Developing, Managing, and Conducting Training*. For OJT, the tasks in column 1 are trained and qualified to the “go/no go” level. “Go” means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct use of procedures. As prescribed in AFI 36-2201, this STS:

2.1. Lists in column 1 the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform in the 3-, 5-, and 7-skill level AFSCs in the Munitions Systems ladder of the Airman Munitions and Weapons Career Field. These are based on an analysis of the duties in this CFETP. **Note:** References and reference numbers are subject to change.

2.2. Provides in column 2 (by a 5 or 7), core task training requirements for award of 2W051 and 2W071 AFSCs.

Note: Due to the diversity of the 2W0 specialty, all core tasks for the career field are not required for upgrade. Use CFETP Part I, Table 8.1 and CFETP Part II, Section B - Core Task Table to determine core tasks required for upgrade.

2.3. Provides in column 3, OJT certification columns to record completion of task and knowledge training requirements. Certification is accomplished as outlined in AFI 36-2201. Task certification must show a certification/completion date.

2.4. Shows formal training and correspondence course requirements in Column 4. Columns 4A and 4C(1) of this STS show the level to which task knowledge training has been accomplished by the Training Center for 2W031 and 2W071 courses, respectively, as described in “*Air Force Education and Training Course Announcements (ETCA) Database.*” <https://etca.keesler.af.mil>. Columns 4B and 4C(2) indicate the career knowledge provided in the 5-skill level and 7-skill level CDCs.

2.5. Is a guide for development of the Specialty Knowledge Test (SKT) portion of promotion tests used in the Weighted Airman Promotion System (WAPS). The SKT is developed at the USAF Occupational Measurement Squadron by Senior NCOs with extensive subject matter area knowledge judged by test development team members to be the most appropriate for promotion to higher grades. Questions are based on the study references listed in the WAPS catalog. Individual responsibilities are in Chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. The WAPS is not applicable to the Air National Guard and Reserve.

3. Upgrade Certification Procedures. Prior to upgrade, all munitions personnel, regardless of duty position, must be certified in core tasks (commensurate with skill level) identified in the core task table (Part II, section B). All 7-skill level trainees must be certified on both 5-skill level and 7-skill level tasks for upgrade. Work centers add local training requirements. Completion of non-mandatory tasks pertinent to the unit will continue to be accomplished as resources become available for training. Additionally, all 7-skill level trainees must complete formal 2W071 courses.

4. Qualitative Requirements. This attachment contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

5. Documentation. Entries are:

5.1. Identification: Enter trainee’s, supervisor’s/trainer’s, and certifying official identification data on the STS identification page.

5.2. Certification: Certify tasks (in pencil) as follows:

5.2.1. Circle current duty position task/knowledge numbers. If in upgrade training these items must include core tasks commensurate with the upgrade skill level. Erase all other **circles** not applicable to the current duty position.

5.2.2. As training starts, enter the training start date in column 3A.

5.2.3. When the trainee and trainer agree to proficiency, the trainer will enter the completion date in column 3B, the trainee will initial column 3C and the trainer will initial column 3D. For core tasks, a certifying official will evaluate trainee proficiency. Upon satisfactory performance, the certifying official will initial column 3E.

6. Transcribing the CFETP.

6.1. Transcribing from old to new CFETP. For transcribing procedures, the supervisor fulfills the role of the certifier and places their own initials in the certifier column. Remember, during the transcription process no training is taking place. Therefore, the trainer's initials are not required. When transcribing previous certification for tasks not required in the current duty position, carry forward only the previous completion date of certification (not the initials of another person). If and when transcribed tasks become duty position requirements, recertify using standard certification procedures. The person whose initials appear in the trainer or certifier block during the transcription process must meet the requirements of their respective roles. Upon completion of the transcription process, give the old CFETP to the member.

6.2. Recertifying tasks when moving to a new duty position. For those core and critical tasks previously certified and required in the current duty position, evaluate current qualifications and, when verified, recertify using current date as completion date, and enter trainee's and certifier's initials. For non-core and non-critical tasks previously certified and required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date, and enters trainee's and trainer's initials.

7. Decertification and Recertification. When an airman is found to be unqualified on a previously certified task, the supervisor lines through the previous certification. The specific reason for decertification (i.e. demonstrated lack of proficiency) is entered on the AF Form 623a, On-The-Job Training Record Continuation Sheet. The individual is recertified (if required) either by erasing the old entries and writing in the new or by using correction fluid (if the entries were made in ink) over the previously certified entry.

8. Recommendations. Report unsatisfactory performance of individual apprentice course graduates to AETC on a Graduate Assessment Survey (GAS), through the customer service information line (CSIL) at DSN 736-5236, or directly to the schoolhouse at DSN 736-3706/3277. The purpose of the GAS is to identify inadequate training. For advance courses call the schoolhouse directly. All questions or change recommendations regarding the CFETP will be routed through the respective MAJCOM Functional Manager (MFM). MFMs report inadequacies and suggested corrections for this STS through the OPR 363 TRS/TRRM, 520 Missile Road, Bldg. 1025, Sheppard AFB, TX, 76311-2261, DSN 736-1828.

MICHAEL E. ZETTLER, Lt. Gen., USAF
Deputy Chief of Staff, Installations and Logistics

THIS BLOCK IS FOR IDENTIFICATION PURPOSES ONLY		
NAME OF TRAINEE		
PRINTED NAME <i>(Last, First, MI)</i>	INITIAL <i>(Written)</i>	SSAN <i>(Last Four Only)</i>
PRINTED NAME OF TRAINER/CERTIFYING OFFICIAL AND WRITTEN INITIALS		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

QUALITATIVE REQUIREMENTS

PROFICIENCY CODE KEY		
	SCALE VALUE	DEFINITION: The Individual
TASK PERFORMANCE LEVELS	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (EXTREMELY LIMITED)
	2	Can do most parts of the task. Needs help only on hardest parts. (PARTIALLY PROFICIENT)
	3	Can do all parts of the task. Needs only a spot check of completed work. (COMPETENT)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (HIGHLY PROFICIENT)
*TASK KNOWLEDGE LEVELS	a	Can name parts, tools, and simple facts about the task. (NOMENCLATURE)
	b	Can determine step by step procedures for doing the task. (PROCEDURES)
	c	Can identify why and when the task must be done and why each step is needed. (OPERATING PRINCIPLES)
	d	Can predict, isolate, and resolve problems about the task. (ADVANCED THEORY)
**SUBJECT KNOWLEDGE LEVELS	A	Can identify basic facts and terms about the subject. (FACTS)
	B	Can identify relationship of basic facts and state general principles about the subject. (PRINCIPLES)
	C	Can analyze facts and principles and draw conclusions about the subject. (ANALYSIS)
	D	Can evaluate conditions and make proper decisions about the subject. (EVALUATION)
EXPLANATIONS		
<p>* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Examples: b and 1b)</p> <p>** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.</p> <p>X This mark is used alone in course columns to show that training is required but not given due to limitations in resources.</p> <p>5 or 7 is used in the core task column to indicate 5- or 7-skill level.</p>		

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
1. MUNITIONS SYSTEMS CAREER FIELD TR: AFIs 21-201, 36-2101, 36-2618; AFMAN 36-2108										
1.1. Airmen Munitions and Weapons Career Field							A	B	-	-
1.2. Progression/duties within the 2W0X1 career field							A	B	-	-
2. SECURITY										
2.1. Determine Classification of Munitions Information TR: DoD 5200.1, Classification Guides, AFI 21-215							-	B	C	-
2.2. Specific OPSEC vulnerabilities of AFSC 2W0X1							A	B	-	-
2.3. Physical Security TR: DoD 5100-76-M, AFI 31-101										
2.3.1. Controlled/restricted areas							A	B	-	-
2.3.2. Entry control point							-	B	-	-
2.3.3. Escort Duties							-	-	-	-
2.3.4. Munitions security										
2.3.4.1. Controlled Inventory Item Code (CIIC)/Risk codes TR: Federal Logistic on Disc (FED LOG)	5						A	B	C	-
2.3.4.2. While transporting							-	B	C	-
2.3.4.3. Intrusion detection systems (IDS)							A	B	-	-
2.3.5. Personnel Reliability Program (PRP) TR: AFI 36-2104							-	B	-	-
2.3.6. Nuclear Surety TR: AFI 91-101							-	B	-	-
3. SAFETY TR: AFI 91-202; AFMAN 91-201; AFOSH STDs 91-46, 91-66										
3.1. Safety Principles										
3.1.1. AF Occupational Safety and Health (AFOSH) Program TR: AFI 91-301							A	B	-	-
3.1.2. AFOSH standards for AFSC 2W0X1							A	B	-	-
3.1.3. Hazards for AFSC 2W0X1							A	B	-	-
3.1.4. Hazard reporting							A	B	-	-
3.1.5. Conduct pretask safety briefing							1a	-	-	-
3.1.6. Forward Firing Ordnance (FFO)							A	B	-	-
3.2. Weapons Safety										
3.2.1. Missile safety TR: Specific item TO							A	B	-	-
3.2.2. Explosives safety TR: TO 11A-1-66, Item TO							A	B	-	A
3.2.3. Range Demonstration							A	-	-	-
3.2.4. Radiation safety TR: AFI 91-108							-	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Tasks	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
3.2.5. Perform crew chief duties for explosives operations TR: AFMAN 91-201, Specific Item TOs										
3.2.5.1. Observe all parts of the operation							-	-	-	A
3.2.5.2. Know all hazards of the operation							-	-	-	A
3.2.5.3. Convey emergency procedures to workers and visitors							-	-	-	-
3.2.5.4. Maintain strict housekeeping standards							-	-	-	-
3.2.5.5. Take appropriate steps when abnormal conditions arise							-	-	-	-
3.2.5.6. Assess the risk of fire							-	-	-	-
3.2.5.7. Follow written instructions							-	-	-	-
3.2.5.8. Develop and participate in realistic accident exercises							-	-	-	-
3.3. Inspect/maintain safety equipment										
3.3.1. Identify/inspect fire extinguishers							2b	-	-	-
3.3.2. Personal protective equipment TR: AFOSH STD 91-31; Manufacturer's Manual							2b	-	-	-
3.3.3. Static ground and lightning protection system TR: AFI 32-1065							A	A	-	-
3.4. Operational risk management (ORM) TR: AFI 91-213; AFPAM 91-214							-	-	-	-
4. ENVIRONMENTAL PROTECTION TR: AFPD 32-70; AFIs 32-7002, 32-7042, 32-7086; AFOSH STD 48-8; AFPAM 32-7043; Installation Restoration Program Management Guidance Handbook										
4.1. Munitions aspects of Federal Hazard Communication Training Program TR: AFOSH STD 161-21-1W							-	-	-	-
4.2. Hazards and Toxic Waste Management										
4.2.1. Functions and responsibilities							-	-	-	-
4.2.2. Sources and characteristics							-	-	-	-
4.2.3. Identification/Disposal							-	-	-	-
5. SUPERVISION TR: AFIs 21-201, 36-401; AFMAN 91-201										
5.1. Orient new personnel							-	-	-	A
5.2. Assign personnel to work crews							-	-	-	A
5.3. Plan work assignments and priorities							-	-	C	A
5.4. Schedule work assignments							-	-	C	A
5.5. Establish										
5.5.1. Work methods							-	-	C	A

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
5.5.2. Controls							-	-	C	A
5.5.3. Performance standards							-	-	C	A
5.5.4. Work schedules							-	-	-	A
5.6. Resolve technical problems for subordinate personnel							-	-	-	-
5.7. Evaluate work performance of subordinate personnel							-	-	-	-
6. TRAINING TR: AFIs 36-2201; 36-2232; 36-2245; 36-2247										
6.1. Evaluate personnel to determine need for training							-	-	-	-
6.2. Schedule personnel for training							-	-	-	-
6.3. Plan and supervise OJT										
6.3.1. Prepare job qualification standards							-	-	-	-
6.3.2. Conduct training							-	-	-	-
6.3.3. Counsel trainees on their progress							-	-	-	-
6.3.4. Monitor effectiveness of training							-	-	-	-
6.4. Evaluate training program effectiveness							-	-	-	-
6.5. Maintain training records										
6.5.1. AF Form 623 and associated documents							-	-	-	B
6.5.2. Core Automated Maintenance System (CAMS) TR: TO 00-20-Series; AFCSM 21-Series							-	-	-	-
6.6. CFETP							A	B	-	B
7. PUBLICATIONS										
7.1. Technical Orders TR: TOs 00-5-1, 00-5-2, 00-5-15										
7.1.1. Technical Order System							A	B	-	-
7.1.2. Responsibilities of the TODO, TODA, TODS							-	B	-	-
7.1.3. Establish/maintain technical order files							-	-	-	-
7.1.4. Initiate technical order improvements	5						A	B	-	-
7.1.5. Use Technical Order Indexes							-	A	-	-
7.1.6. Use technical orders when performing tasks TR: Item TO	5						2b	-	-	-
7.1.7. TCTO Program TR: TO 00-20-2							-	B	-	B
7.1.8. Supervisory review of AFTO Form 22							-	-	-	B

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
7.2. Other Documents TR: AFPD 37-1; AFI 37-160; AFINDs 2, 4, 9, 17, 27										
7.2.1. Explain Publication System							-	-	-	-
7.2.2. Responsibilities of Customer Account Representative (CAR)							-	-	-	-
7.2.3. Establish/maintain publication files							-	-	-	-
7.2.4. Use indexes/AFEPL							-	-	-	-
7.2.5. Use Federal Logistic Data (FED LOG) TR: FED LOG on Disc	5						1a	-	-	-
7.2.6. Use Ammunition Catalog TR: Ammo Catalog on Disc							-	-	-	-
7.2.7. Use Joint Hazard Classification System (JHCS) TR: http://www.dac.army.mil/esidb/esidblogin.asp							A	-	-	-
7.2.8. Use AFIs when performing tasks	5						-	-	-	-
7.2.9. Use Allowance Standard (AS)							-	B	-	-
8. MAINTENANCE MANAGEMENT TR: AFI 21-201										
8.1. Basic Wing/Base functions TR: AFI 38-101, AFHAB 10-402							-	B	-	-
8.2. Organizational Structures TR: AFI 38-101							A	B	-	B
8.3. Functions and responsibilities TR: AFI 38-101										
8.3.1. HQ USAF							-	B	-	-
8.3.2. HQ AFMC/USAF-ACP, TMCP, NACP, RACP							-	B	-	-
8.3.3. Specified/Unified Commands							-	B	-	-
8.3.4. Major Command TR: TO 00-20-1							-	B	-	-
8.4. Maintenance systems TR: TO 00-20-1										
8.4.1. Preventive maintenance							-	B	-	-
8.4.2. Periodic maintenance							-	B	-	-
8.4.3. Unscheduled maintenance							-	B	-	-
8.5. Major inspections TR: AFPD 90-2; AFI 90-201										
8.5.1. Program							-	B	-	-
8.5.2. Core Criteria							-	B	-	-
8.6. Perform in-progress or end-item inspections							-	B	B	-
8.7. Complete maintenance and equipment forms TR: TOs 00-20-1, 00-20-3, 00-20-5										
8.7.1. AFTO Form 244/245										

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
8.7.1.1. Symbols used	5						A	-	-	-
8.7.1.2. Documentation	5						1a	B	C	-
8.7.1.3. Clear symbols	7						-	B	C	-
8.7.2. AFTO Form 350							-	B	-	-
8.7.3. DD Form 1500 Series							a	B	-	-
8.7.4. AFTO Form 95	5						-	B	C	-
8.8. Process and control materiel							-	B	-	-
8.9. Maintenance Data Collection System TR: AFIs 21-109, 21-201; TO 00-20-2										
8.9.1. Reliability Asset Monitoring System (RAMS) TR: TO 21M-1-101							A	B	-	C
8.9.2. Tactical Munitions Reporting System (TMRS) TR: TO 21M-1-101	7						A	B	-	-
8.9.3. Core Automated Maintenance System (CAMS) TR: AFCSM 21-566 through 579							-	B	-	-
8.9.4. CAMS For Mobility (GO-81) TR: AFCSM 21-566 through 579							-	-	-	-
8.9.5. Combat Ammunition System (CAS) TR: AFCSM 21-824 Vol. 2							-	-	C	-
8.10. OPLANs/Conventional Munitions Plans (CMP) TR: AFIs 21-201, 38-205; AFMAN 10-401										
8.10.1. Purpose	7						A	A	-	-
8.10.2. Development							-	A	-	-
8.10.3. Implementation	7						-	A	-	-
8.11. Mobility TR: AFI 10-402, 25-101, 36-2129; AFH 10-416; AFI 21-201, AFI 10-403, AFI 10-404										
8.11.1. Maintain Mobility Spares Packages (MSP)							-	-	-	-
8.11.2. Monitor War Reserve Materiel (WRM) stockpile							-	B	-	-
8.11.3. Prepare unit non nuclear munitions for mobility deployment packages							-	A	-	-
8.11.4. Prepare unit mobility deployment (equipment/accountability) packages TR: TO 36M-1-141							-	A	-	-
8.11.5. Prepare Deployable Munitions Packages (CAMP, STAMP, STRAPP or TARRP) for deployment							-	A	-	-
8.12. Implement lock maintenance procedures	5						-	-	-	-
8.13. Perform lock maintenance TR: TO 44H2-3-1-101							-	-	-	-
8.14. Munitions Rule TR: AFI 21-201; 40 CFR Part 260							-	-	-	-
8.15. Manning/Personnel Documents TR: AFD 38-2; AFI 38-201										
8.15.1. Unit manning document (UMD)							-	-	-	B

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
8.15.2. Unit personnel management roster (UPMR)							-	-	-	B
8.16. Facility Management Principles TR: AFPD 32-10; AFIs 32-1021, 32-1024										
8.16.1. AF Form 332 Process							-	-	-	-
8.16.2. DD Form 1391							-	-	-	-
8.16.3. Facilities Board							-	-	-	-
8.17. Vehicle Management Principles TR: AFPD 24-2; AFIs 24-301; 25-101										
8.17.1. Requirements							-	-	-	-
8.17.2. Authorizations							-	-	-	-
9. MATERIEL CONTROL TR: AFMAN 23-110 VOL II; TO 00-20-3										
9.1. Prepare requests for equipment and supplies							-	-	-	-
9.2. Review/maintain supply products TR: AFI 21-101							-	-	-	-
9.3. Maintain residual/bench stock TR: AFI 21-101							-	B	-	-
9.4. Monitor Test, Measurement and Diagnostic Equipment (TMDE) TR: AFIs 21-103, 21-116							-	-	-	-
9.5. Uniform Repair/Replacement Program (UR/RP) TR: TOs 00-20-3, 00-25-240							-	-	-	A
9.6. Reusable Container Program TR: AFIs 21-101, 21-201, 24-202; TO 11A-1-60							-	B	-	-
9.7. Supply Discipline							-	B	-	-
10. CONTROL OF MUNITIONS TR: AFIs 21-201, 31-101, AFMAN 10-401, DoD 5160-R, TOs 00-5-15, 00-20-2,										
10.1. Planning and Scheduling										
10.1.1. Review flying schedule for munitions	7						-	B	-	-
10.1.2. Conduct scheduling meetings							-	A	-	-
10.1.3. Establish work priorities	5						-	A	-	-
10.1.4. Assign job control numbers to work orders							-	A	-	-
10.1.5. Schedule work orders							-	A	-	-
10.1.6. Schedule work assignments							-	A	-	-
10.1.7. Prepare maintenance and inspection schedules	5						-	B	-	-
10.1.8. Issue unscheduled work orders							-	A	-	-
10.1.9. Maintain AWM and AWP records	7						-	B	-	-
10.1.10. Monitor TCTO status	7						-	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
10.1.11. Maintain visual aids	5						-	-	-	-
10.2. Coordinating										
10.2.1. Coordinate munitions requirements							-	B	-	-
10.2.2. Advise agencies of munitions maintenance plans							-	-	-	-
10.2.3. Coordinate entry procedures with security forces							-	A	-	-
10.2.4. Advise security forces of building risk code changes							-	B	-	-
10.2.5. Advise agencies of fire symbol/chemical warning sign changes							-	A	-	-
10.2.6. Advise agencies of munitions movements or deliveries							-	A	-	-
10.2.7. Notify vehicle maintenance of requirements							-	A	-	-
10.2.8. Coordinate work requests with appropriate agencies							-	A	-	-
10.3. Directing/controlling										
10.3.1. Initiate recall procedures							-	B	-	-
10.3.2. Initiate emergency action checklist	5						-	B	-	-
10.3.3. Control keys and locks for munitions facilities										
10.3.3.1. Use AF Form 2432 Key Issue Log	5						-	B	-	-
10.3.3.2. Use AF Form 2427 Lock and Key Register	7						-	B	-	-
10.3.3.3. Perform key and lock audit	7						-	B	-	-
10.3.4. Use radio	5						-	-	-	-
10.3.5. Dispatch personnel							-	-	-	-
10.3.6. Post munitions control status							-	-	-	-
10.3.7. Maintain documentation on grounding and lightning protection TR: AFI 32-1065	7						-	-	-	-
10.3.8. Fire drills	5						-	-	-	-
11. COMBAT AMMUNITIONS SYSTEM OPERATIONS TR: AFI 21-201; AFCSMs 21-824 Vol. 2, 33-824 Vol. 1										
11.1. System overview							A	B	-	-
11.2. System administration responsibilities										
11.2.1. System/site Administrator (SA)	7						-	B	-	-
11.2.2. System Security Officer (SSO)	7						-	B	-	-
11.2.3. System Operator (SO)	5						-	B	-	-
11.3. Automated data processing (ADP) production control										

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
11.3.1. Maintain removable media accountability	5						-	A	-	-
11.3.2. Maintain computer scheduling (BOD/EOD)							-	A	-	-
11.3.3. Load system software releases	5						-	A	-	-
11.3.4. Document system downtime	5						-	A	-	-
11.3.5. Distribute products							-	A	-	-
11.3.6. Maintain DDN processing							-	A	-	-
11.4. CAS Server TR: AFCSM 33-824 Vol. 1										
11.4.1. Perform power up/down	5						-	-	-	-
11.4.2. Monitor system status							-	-	-	-
11.4.3. Perform backup	5						-	-	-	-
11.4.4. Perform system recovery	7						-	-	-	-
11.4.5. Identify system response messages							-	-	-	-
11.4.6. Operate system peripherals										
11.4.6.1. Printers	5						-	-	-	-
11.4.6.2. Equinox Board/Terminals	5						-	-	-	-
11.4.6.3. Removable Media	5						-	-	-	-
11.5. Use of cleaning chemicals TR: AFOSH 91-64							-	-	-	-
12. MUNITIONS ACCOUNTABILITY MANAGEMENT TR: AFI 21-201, AFCSM 21-824 Vol. 2										
12.1. Maintain files							a	B	-	-
12.2. Stockpile management										
12.2.1. Stock levels TR: AFI 21-201	7						A	B	C	-
12.2.2. Requisitions	5						-	B	B	-
12.2.3. Receipts	5						-	B	B	-
12.2.4. Issues	5						-	B	B	-
12.2.5. Turn-ins	5						-	B	B	-
12.2.6. Expenditures	5						-	B	B	-
12.2.7. Shipments	5						-	B	B	-
12.2.8. Post-Post procedures							-	-	-	-
12.2.9. Deployment support							A	B	B	-

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
12.2.10. Inventory of accounts	7						A	B	C	-
12.2.11. Relief from accountability	7						A	B	C	-
12.2.12. Documentation control	5						A	B	C	-
12.2.13. Disposition of munitions assets	5						-	B	B	-
12.2.14. Identify warehouse locations TR: AFI 21-201; TO 11A-1-61-4; AFMAN 91-201							A	B	-	-
12.2.15. Time Change Levels TR: TO 00-20-9							-	B	B	-
12.3. Annual munitions forecast TR: AFCAT 21-209, AFI 36-2217	7						A	B	B	-
12.4. Munitions allocations	7						A	B	B	-
12.5. War Reserve Materiel (WRM)										
12.5.1. General policy TR: AFI 25-101							A	B	-	-
12.5.2. Detailed Logistics Allocation Report							-	B	B	-
12.5.3. Operational Plan/Conventional Munitions Plan (CMP) TR: AFI 38-205; AFMAN 10-401; AFII 21-201							-	B	-	-
12.6. Prepare/use reports							a	B	C	-
12.7. Identify MASO responsibilities							-	B	C	-
12.8. War Consumable Distribution Objectives (WCDO) TR: AFMAN 10-401	7						-	-	B	-
13. COMBAT AMMUNITIONS SYSTEM-BASE (CAS-B) OPERATIONS TR: AFCSM 21-824 Vol. 2; AFI 21-201										
13.1. Technical Operations										
13.1.1. System Access (Sign on/Sign off)							3b	-	-	-
13.1.2. Master Menu Access							-	-	-	-
13.1.3. Program Selection							-	-	-	-
13.1.4. Report Selection							-	-	-	-
13.1.5. Use System Messages and Help Screens							3b	-	-	-
13.1.6. Operate Terminal Printers							3b	-	-	-
13.2. Operate LOGMARS Equipment							-	-	-	-
13.3. Storage Structure Management										
13.3.1. Update Facility Data							-	-	-	-
13.3.2. Explosive Storage Capacity Worksheet							-	-	-	-
13.3.3. Structure Asset Report							-	-	-	-
13.3.4. Structure Inquiries							-	-	-	-

	2. Core Task	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References		A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
13.3.5. Asset Location Change							-	-	-	-
13.4. Complete Round Management										
13.4.1. Update Complete Round Data							-	-	-	-
13.4.2. Generate/View Complete Round Reports							-	-	-	-
13.5. Work Orders										
13.5.1. Process Work Orders							1b	-	-	-
13.5.2. Print Work Orders							1b	-	-	-
13.5.3. Generate Work Order Reports/Listings							-	-	-	-
13.6. Resource Management										
13.6.1. Update Personnel Records							-	-	-	-
13.6.2. Update Equipment Records							-	-	-	-
13.7. Inventory Management										
13.7.1. Process Inventory Updates							-	-	-	-
13.7.2. Create/View Inventory Reports and Listings							a	-	-	-
13.8. Control Assets										
13.8.1. Issues							-	-	-	-
13.8.2. Turn-ins							-	-	-	-
13.8.3. Asset Balance Inquiries/Reports							a	-	-	-
13.9. Inspection										
13.9.1. Safety Supplements							-	-	-	-
13.9.2. Update Inspection Data/Lot History							-	-	-	-
13.9.3. Create Lot History Report							-	-	-	-
13.9.4. Process Ammunitions Disposition Request (ADR)							-	-	-	-
13.9.5. Update Shelf/Service Life							-	-	-	-
13.9.6. Create/View Inspection Listings							-	-	-	-
13.10. Expenditures							-	-	-	-
13.11. Transaction History/Inquiry							-	-	-	-
13.12. Utilities										
13.12.1. Reverse Post							-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
13.12.2. Print Reports							-	-	-	-
13.12.3. Ad Hoc Inquiries/Reports							-	-	-	-
13.13. Indicative Data Inquiries/Updates/Challenges							-	-	-	-
13.14. Document Control							a	-	-	-
13.15. Levels										
13.15.1. Asset Level Stratification/Updates							A	-	-	-
13.15.2. Asset Level Inquiry							A	-	-	-
13.15.3. Asset Level Listing							A	-	-	-
13.16. Forecasting							-	-	-	-
13.17. Intransit Management										
13.17.1. Requisitions							-	-	-	-
13.17.2. Shipments							-	-	-	-
13.17.3. Receipts							-	-	-	-
13.17.4. Intransit Updates							-	-	-	-
13.18. Serial Number cross-reference							-	-	-	-
13.19. Base Information File Inquiries/Updates							-	-	-	-
14. CONTINGENCY ACCOUNTING TR: AFI 21-201										
14.1. CAS-D Overview							A	A	A	-
14.2. CAS-D Installation and Set-up							-	-	-	-
14.3. Sign on/off computer and access main menu							3b	-	-	-
14.4. Process CAS-D inventory updates										
14.4.1. Receipts							a	-	-	-
14.4.2. Issues							2b	-	-	-
14.4.3. Assembly							a	-	-	-
14.4.4. Disassembly							a	-	-	-
14.4.5. Turn-ins							a	-	-	-
14.4.6. Expenditures							a	-	-	-
14.4.7. Adjustments							-	-	-	-
14.4.8. Requisitions (Inbound)							a	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
14.4.9. Intransits							-	-	-	-
14.4.10. Shipments (Outbound)							a	-	-	-
14.4.11. Shipment planning							-	-	-	-
14.4.12. Munitions Requirements							-	-	-	-
14.5. Use the CAS-D Complete Round Code (CRC) Analyzer							-	-	C	-
14.6. CAS-D Reports										
14.6.1. Prepare/Use										
14.6.1.1. Assembly Worksheet							-	-	-	-
14.6.1.2. Mission List							-	-	-	-
14.6.1.3. Security Audit Report							-	-	-	-
14.6.1.4. Aggregated SRAN							-	-	-	-
14.6.1.5. Asset Balance by Structure							-	-	-	-
14.6.1.6. Asset Balance by NSN							-	-	-	-
14.6.1.7. Asset Balance by CRC							-	-	-	-
14.6.1.8. Custody Account by NSN							-	-	-	-
14.6.1.9. Custody Account by CRC							-	-	-	-
14.6.1.10. Custody Asset by NSN							-	-	-	-
14.6.1.11. Expenditure by NSN							-	-	-	-
14.6.1.12. Expenditure by CRC							-	-	-	-
14.6.1.13. Intransit by DDS							-	-	-	-
14.6.1.14. Outbound/Intransit							-	-	-	-
14.6.1.15. Inbound Report							-	-	-	-
14.6.1.16. Structure Report							-	-	-	-
14.6.1.17. Total Assets Report							-	-	-	-
14.6.1.18. Transaction Report							-	-	-	-
14.6.1.19. Warehouse Balance Report							-	-	-	-
14.6.1.20. Max Build Report							-	-	C	-
14.6.1.21. Priority Build Report							-	-	C	-
14.6.1.22. DODIC Usage Report							-	-	C	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
14.6.1.23. Master DODIC Report							-	-	C	-
14.6.2. Analyze							-	-	C	-
14.7. Edit and modify CAS-D Files										
14.7.1. Complete Round Dictionary (CRD)							A	B	-	-
14.7.2. Indicative Data Record (IDR)							A	B	-	-
14.7.3. Base Information File (BIF)							-	B	-	-
14.7.4. Organization							-	-	-	-
14.8. Import and Export CAS-D Utility Functions							-	-	-	-
14.9. Process CAS-D Utility Functions										
14.9.1. Table Edits							-	-	-	-
14.9.2. Archive							-	-	-	-
14.10. Monitor Levels and Category Codes while using CAS-D							-	-	-	-
14.11. Convert from CAS-B to CAS-D							A	-	-	-
15. MUNITIONS INSPECTION TR: AFI 21-201; AFMAN 91-201; MIL-STD-129; TOs 11A-1-1, 11A-1-10, 11A-1-46/JHCS, Specific Item TO										
15.1. Serviceability procedures							A	B	C	-
15.2. Perform and document inspections										
15.2.1. Periodic (PI)	5						-	B	-	-
15.2.2. Pre-issue (PII) TR: 11A-1-53	5						-	B	-	-
15.2.3. Storage Monitoring (SMI)	5						-	B	-	-
15.2.4. Special (SPI)	5						-	B	-	-
15.2.5. Shipping (SI) TR: Title CFR 49; AFJMAN 24-204; AFR 71-4; Applicable Special Packaging Instruction; TO 11A-1-53	5						-	B	-	-
15.2.6. Receiving (RI)	5						-	B	-	-
15.2.7. Returned Munitions (RMI)	5						-	B	-	-
15.3. Identify/process/tag repairable items TR: TO 00-20-3	5						-	B	C	-
15.4. Maintain munitions serviceability and location records TR: AFCSM 21-824 Vol. 2	5						A	B	C	-
15.5. Annotate discrepancy reporting forms										
15.5.1. Transportation Discrepancy Report (TDR) TR: DoD 4500.9-R (Chapter 210)	7						-	B	-	-
15.5.2. Supply Discrepancy Report (SDR) SF 364 TR: AFJMAN 23-215	7						-	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
15.5.3. Product Quality Deficiency Report (PQDR) TR: TO 00-35D-54	7						-	B	-	B
15.6. Ammunition Disposition Request (ADR) TR: AFCSM 21-824 Vol. 2	7						-	B	-	-
15.7. Certify munitions inert, empty or nonexplosive TR: TO 11A-1-53	5						-	B	-	-
15.8. Inspection of munitions residue and reusable containers TR: TO 11A-1-60										
15.8.1. Inspect/certify munitions residue	5						-	B	-	-
15.8.2. Turn-in munitions residue							-	B	-	-
15.8.3. Certify empty containers	5						A	B	-	-
16. STORAGE TR: AFI 21-201; AFMAN 91-201; TOs 11A-1-46/JHCS; 11A-1-61-4; Approved drawings; Item TO										
16.1. Determine/Apply storage area requirements							A	B	C	-
16.2. Storage magazine types							A	B	-	-
16.3. Storage area hazards							A	B	-	-
16.4. Determine/Apply site planning principles							-	B	2b	-
16.5. Determine/Apply quantity-distance (Q-D) requirements	5						1a	B	2b	-
16.6. Determine compatibility requirements	5						1a	B	-	-
16.7. Warehousing principles										
16.7.1. General principles and storage planning							A	B	C	-
16.7.2. Buffered storage							-	B	-	-
16.7.3. Document movement of munitions	5						A	B	-	-
16.7.4. Complete round storage/Dispersal							A	B	-	-
16.7.5. Perform general warehousing							1b	B	-	-
16.7.6. Mark storage locations	5						1b	-	-	-
16.7.7. Maintain and use Master Storage Plan	7						A	-	C	-
16.7.8. Perform facility inspections	7						-	-	-	-
16.8. Establishment of storage locations	5						A	B	-	-
16.9. Courtesy storage procedures							A	B	-	-
16.10. Posting fire hazard symbols and chemical warning signs	5						1a	B	-	-
16.11. Nuclear weapons storage TR: TO 11N-20-7							-	B	-	-
16.12. Remove and store munitions using local procedures	5						-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
17. SHIPPING/RECEIVING TR: AFI 21-201; AFJMAN 24-204; Item TO; AFR 71-4; AFMAN 91-201; Title CFR 49; Applicable SPI, AFJI 24-228										
17.1. Receipt of munitions										
17.1.1. Initial inspection							-	B	-	-
17.1.2. Suspect vehicle procedures							A	B	-	-
17.1.3. Document receipt							-	B	-	-
17.2. Shipment of munitions										
17.2.1. Package/document requirements for										
17.2.1.1. Break bulk							A	B	B	-
17.2.1.2. Intermodal							-	B	B	-
17.2.1.3. Air							A	B	B	-
17.2.2. Shipping Labels							A	B	B	-
17.2.3. Shipping documents							-	B	B	-
17.3. Aircraft Cargo Pallet System TR: TO 36M-1-141							-	A	-	-
17.4. Load/unload munitions into or from trucks/railcars							-	-	-	-
17.5. International Organization for Standardization (ISO) containers										
17.5.1. Inspect/certify ISO containers TR: MIL-HDBK-138A							-	A	-	-
17.5.2. Load/unload							a	-	-	-
18. MUNITIONS DEMILITARIZATION TR: DOD 4160.21-M-1										
18.1. Explain techniques							-	A	-	-
18.2. Procedures/requirements							-	A	-	-
19. GENERAL MAINTENANCE PROCEDURES TR: AFI 21-118										
19.1. Perform corrosion control procedures TR: AFI 21-101; TOs 1-1-8, 1-1-691, Item TO	5						a	-	-	-
19.2. Use torque wrenches TR: TOs 00-20-1, 00-20-14	5						1a	-	-	-
19.3. Perform banding TR: Specific Item TO; AFOSH STD 91-5, AFOSH STD 91-12							1a	-	-	-
19.4. Use multimeters TR: AFMAN 91-201; TOs 00-20-1, 00-20-14; Munitions Item TO; Specific multimeter TO							-	B	-	
19.5. Use common hand tools TR: AFMAN 91-201; TOs 00-20-1, 32-1-2, 32-1-101; Munitions Item TO, AFOSH STD 91-5, AFOSH STD 91-12							3b	-	-	-
19.6. Use tool control procedures TR: AFI 21-101; Munitions Item TO							1a	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
19.7 Use electric/pneumatic tools TR: TOs 32B Series							2b	B		
19.8. Use micrometer/depth gauge TR: TOs 32-1-151, 32-1-201, item TO										
19.9. Use pallet jacks TR: AFMAN 91-201; TOs 00-20-1, AFOSH STD 91-46							-	-	-	-
19.10. Use lifting devices TR: AFI 21-101; TOs 00-20-1; AFOSH STD 91-46							a	B	-	-
19.11. Mark packaging TR: AFJMAN 24-204, AFMAN 91-201; TOs 11A-1-10, 11A-1-46, 11A-1-60, Item TO; CFR 49, MIL STD 129, Applicable SPI							a	B	-	-
20. NUCLEAR WEAPONS TR: AFPDs 21-2, 24-2; AFIs 21-204, 31-101, 91-104, 91-107, 91-108; AFMANs 91-118, 91-201										
20.1. Surety Reports TR: AFI 91-101							-	-	-	-
20.2. Identify certified equipment TR: TO 00-110N-16							A	B	2b	-
20.3. Perform Command Disablement System (CDS) procedures TR: TO 11N-45-51C; AFI 21-205							-	-	-	-
20.4. Transfer bolstered/unbolstered weapon to/from lift vehicle/trailer/vault TR: TO 11N-B1004-1; 11N-45-51							-	-	-	-
20.5. Perform Weapon Storage Area weapons movement TR: TO 11N-45-51C							-	-	-	-
20.6. Convoy nuclear weapons TR: TO 11N-45-51 Series; AFI 31-101; DoDM 5210-41										
20.6.1. On-base							A	B	-	-
20.6.2. Off-base							-	B	-	-
20.7. Palletize components TR: TO 11N-45-51B							-	-	-	-
20.8. Operate/maintain Weapons Storage and Security System TR: TO 11N-50-1004							-	-	-	-
21. HANDLING AND DELIVERY TR: AFI 21-201; AFMAN 91-201										
21.1. General handling procedures TR: AFJMAN 24-306, TO 11A-1-46, Item TO										
21.1.1. Document AF Form 18XX series	5						-	-	-	-
21.1.2. Placard vehicles TR: Title CFR 49	5						1a	B	-	-
21.1.3. Transport munitions using local requirements	5						-	B	-	-
21.1.4. Communicate munitions movements	5						-	-	-	-
21.1.5. On/off-base movement procedures TR: AFI 24-201; TO 13C2-1-1							A	B	-	-
21.1.6. General munitions handling (cargo/tiedown/movement) TR: AFI 24-201; TO 13C2-1-1							A	B	-	-
21.1.7. Flightline safety TR: AFOSH STD 91-100							-	-	-	-
21.2. Configure, load/unload, position, and tie-down General Purpose (GP) bombs on: TR: TOs 11-1-38, 13C2-1-1, Item TO										

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
21.2.1. MHU-141 trailer							2b	B	-	-
21.2.2. MHU-110 trailer							2b	B	-	-
21.2.3. 25/40 foot trailer (including rollerized)							2b	B	-	-
21.2.4. Cargo truck							-	-	-	-
21.3. Configure, load/unload, position, and tie-down Precision Guided Munitions (PGM) on: TR: TOs 11-1-38, 13C2-1-1, Item TO										
21.3.1. MHU-141 trailer							-	B	-	-
21.3.2. MHU-110 trailer							-	B	-	-
21.3.3. Cargo truck							-	-	-	-
21.3.4. 25/40 foot trailer (including rollerized)							-	-	-	-
21.3.5. MHU-196/MHU-204 trailers							-	-	-	-
21.4. Configure, load/unload, position, and tie-down Cluster Bombs (CBU) on: TR: TOs 11-1-38, 13C2-1-1, Item TO										
21.4.1. MHU-141 trailer							-	B	-	-
21.4.2. MHU-110 trailer							-	B	-	-
21.4.3. Cargo truck							-	-	-	-
21.4.4. 25/40 foot trailer (including rollerized)							-	B	-	-
21.5. Configure, load/unload, position, and tie-down dispensers on: TR: TOs 11-1-38, 13C2-1-1, Item TO										
21.5.1. MHU-141 trailer							-	B	-	-
21.5.2. MHU-110 trailer							-	B	-	-
21.5.3. Cargo truck							-	-	-	-
21.5.4. 25/40 foot trailers (including rollerized)							-	B	-	-
21.6. Configure, load/unload, position, and tie-down missiles on: TR: TOs 11-1-38, 13C2-1-1, Item TO										
21.6.1. MHU-141 trailer							2b	B	-	-
21.6.2. MHU-110 trailer							-	B	-	-
21.6.3 Cargo truck							-	-	-	-
21.6.4. 25/40 foot trailer							-	-	-	-
21.7. Transport nuclear weapons/shapes on: TR: TOs 00-110N-16, 11N-B1004-1, 11N-45-51 Series, 13C2-1-1										
21.7.1. MHU-141 trailer							-	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
21.7.2. MHU-196 trailer							-	-	-	-
21.7.3. 25/40 foot trailer										
21.7.3.1. Standard							-	-	-	-
21.7.3.2. Rollerized							-	-	-	-
21.7.4. Aircraft TR: Aircraft TO							-	-	-	-
21.7.5. Bolsters TR: Item TO							-	B	-	-
22. GENERAL SUPPORT AND HANDLING EQUIPMENT										
22.1. Nonpowered support equipment (SE)										
22.1.1. MHU-141 trailer TR: TO 35D3-2-27-1										
22.1.1.1. Characteristics							A	B	-	-
22.1.1.2. Perform pre-use/post-use/ general inspection TR: TO 35D3-11-36-6WC-2							3b	-	-	-
22.1.1.3. Tow							2b	-	-	-
22.1.1.4. Perform user maintenance							-	-	-	-
22.1.1.5. Perform maintenance/periodic inspections							-	-	-	-
22.1.2. MHU-110/M trailer TR: TO 35D3-2-26-1										
22.1.2.1. Characteristics							A	B	-	-
22.1.2.2. Perform pre-use/post-use/ general inspection TR: TO 35D3-11-36-6WC-2							3b	-	-	-
22.1.2.3. Tow							2b	-	-	-
22.1.2.4. Perform user maintenance							-	-	-	-
22.1.2.5. Perform maintenance/periodic inspections							-	-	-	-
22.1.3. MHU-196/M/MHU-204/M trailers TR: TO 11N-H5083-1										
22.1.3.1. Characteristics							-	-	-	-
22.1.3.2. Perform pre-use/post-use inspection							-	-	-	-
22.1.3.3. Tow/operate							-	-	-	-
22.2. Powered support equipment (SE)										
22.2.1. MJ-1 series lift truck TR: TO 35D3-2-25-1										
22.2.1.1. Characteristics							A	B	-	-
22.2.1.2. Perform pre-use/post-use inspection TR: TO 35D5-3-8-36WC-1							1b	-	-	-
22.2.1.3. Drive/operate							1b	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
22.2.1.4. Perform user maintenance							-	-	-	-
22.2.2. MHU-83 series lift truck TR: TO 35D5-3-8 (series)										
22.2.2.1. Characteristics							A	B	-	-
22.2.2.2. Perform pre-use/post-use inspection TR: TO 35D5-3-8-36WC-1							1b	-	-	-
22.2.2.3. Drive/operate							1b	-	-	-
22.2.2.4. Perform user maintenance							-	-	-	-
22.2.3. MC-7 air compressor TR: TO 34Y1-244-1										
22.2.3.1. Characteristics							A	B	-	-
22.2.3.2. Perform pre-use/post-use inspection							a	-	-	-
22.2.3.3. Operate							1b	-	-	-
22.2.3.4. Perform user maintenance							-	-	-	-
22.3. Vehicles										
22.3.1. Bobtail trucks TR: TO 36A10-3-(series)										
22.3.1.1. Characteristics							A	B	-	-
22.3.1.2. Perform pre-use/post-use inspection							1b	-	-	-
22.3.1.3. Drive/operate							1b	-	-	-
22.3.1.4. Perform user maintenance							-	-	-	-
22.3.2. 1½ and 2½ ton cargo truck TR: TO 36A-12-(series)										
22.3.2.1. Characteristics							A	B	-	-
22.3.2.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.2.3. Drive/operate							-	-	-	-
22.3.2.4. Perform user maintenance							-	-	-	-
22.3.3. 5 through 15 ton truck tractors TR: TO 36A-10-(series)										
22.3.3.1. Characteristics							A	B	-	-
22.3.3.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.3.3. Drive/operate							-	-	-	-
22.3.3.4. Perform user maintenance							-	-	-	-
22.3.4. 25/40 foot trailer (including rollerized) TR: TO 36A11-5-(series), 36A11-5-13-(series)										
22.3.4.1. Characteristics							A	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
22.3.4.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.4.3. Tow							-	-	-	-
22.3.4.4. Perform user maintenance							-	-	-	-
22.3.5. MB-4 Series tugs TR: TO 36A10-3-6-(series)										
22.3.5.1. Characteristics							-	B	-	-
22.3.5.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.5.3. Drive/operate							-	-	-	-
22.3.5.4. Perform user maintenance							-	-	-	-
22.3.6. Forklifts: 4K/6K/10K/15K, Gas/Diesel TR: TO 36M2-2-(series)										
22.3.6.1. Characteristics							A	B	-	-
22.3.6.2. Perform pre-use/post-use inspection							2b	-	-	-
22.3.6.3. Drive/operate							2b	-	-	-
22.3.6.4. Perform user maintenance							2b	-	-	-
22.3.7. Forklifts: 22K/40K/50K, Gas/Diesel TR: TO 36M2-2-(series)										
22.3.7.1. Characteristics							A	B	-	-
22.3.7.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.7.3. Drive/operate							-	-	-	-
22.3.7.4. Perform user maintenance							-	-	-	-
22.3.8. Container handling equipment: Stackers/Sideloaders TR: 36-Series; 36M2-2-(Series)										
22.3.8.1. Characteristics							-	-	-	-
22.3.8.2. Perform pre-use/post-use inspection							-	-	-	-
22.3.8.3. Drive/operate							-	-	-	-
22.3.8.4. Perform user maintenance							-	-	-	-
22.4. Munitions Materiel Handling Equipment (MMHE) TR: AFMAN 91-201										
22.4.1. 20MM Universal Ammunition Loading System (UALS/ALS/LALS) TR: TO 35D30-4-15-1										
22.4.1.1. Characteristics							A	B	-	-
22.4.1.2. Perform operational checkout							1b	-	-	-
22.4.1.3. Tow							-	-	-	-
22.4.1.4. Operate TR: TO 35D30-4-15-1							2b	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
22.4.1.5. Perform user maintenance							-	-	-	-
22.4.1.6. Perform periodic maintenance/inspection							-	-	-	-
22.4.2. 20MM Ammunition Loading System Replenisher Assembly TR: TO 35D30-4-11-1										
22.4.2.1. Characteristics							A	B	-	-
22.4.2.2. Perform operational checkout							1b	-	-	-
22.4.2.3. Operate TR: TO 35D30-4-11-1							2b	-	-	-
22.4.2.4. Perform user maintenance							-	-	-	-
22.4.2.5. Perform periodic maintenance/inspection							-	-	-	-
22.4.3. 30MM Ammunition Loader System (GFU-7,-8) TR: TOs 35D30-4-12-2, 35DA15-7-3										
22.4.3.1. Characteristics							A	B	-	-
22.4.3.2. Perform pre-use/post-use inspection							-	-	-	-
22.4.3.3. Tow							-	-	-	-
22.4.3.4. Operate							-	-	-	-
22.4.3.5. Perform operator maintenance							-	-	-	-
22.4.4. Munitions Assembly Conveyor, A/E32K-3 TR: TO 35D2-17-1										
22.4.4.1. Characteristics							A	B	-	-
22.4.4.2. Preparation for use							a	B	-	-
22.4.4.3. Preparation for storage or shipment							-	-	-	-
22.4.4.4. Perform pre-use/post-use inspection							-	-	-	-
22.4.4.5. Operate							2b	-	-	-
22.4.4.6. Perform operator maintenance							-	-	-	-
22.4.4.7. Assemble/Disassemble							-	-	-	-
22.4.4.8. Perform periodic maintenance/inspection							-	-	-	-
23. CONVENTIONAL MUNITIONS TR: AFI 21-201; AFMAN 91-201										
23.1. Explosive characteristics TR: <u>TM 9-1300-214</u> (Order Through - Dept. of the Army, US Army Distribution Center, 1655 Woodson Road, St. Louis, Mo., 63114-6181)							A	B	-	-
23.2. Explosive Train types and characteristics TR: <u>TM 9-1300-214</u> (Order Through - Dept. of the Army, US Army Distribution Center, 1655 Woodson Road, St. Louis, Mo., 63114-6181)							A	B	-	-
23.3. Rocket principles TR: TO, 11A11-24-7							-	B	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
23.4. 2.75” Rockets TR: TO 11A11-24-7										
23.4.1. Characteristics							-	-	-	-
23.4.2. Inspect							-	-	-	-
23.4.3. Assemble/disassemble							-	-	-	-
23.4.4. Maintenance							-	-	-	-
23.5. Launchers: LAU-68, LAU-131 TR: TO 11L1-3-27-1										
23.5.1. Characteristics							-	-	-	-
23.5.2. Inspect/test							-	-	-	-
23.5.3. Load/unload							-	-	-	-
23.5.4. Maintenance/reconditioning							-	-	-	-
23.6. Practice Bombs										
23.6.1. MK80 Series, BDU-50, BDU-56, M117 TR: TOs 11A3-4-7, 11A7-(series)										
23.6.1.1. Characteristics							A	-	-	-
23.6.1.2. Inspect							-	-	-	-
23.6.1.3. Assemble/disassemble							-	-	-	-
23.6.1.4. Maintenance							-	-	-	-
23.6.1.5. Fill with inert filler							-	-	-	-
23.6.2. BDU-33, BDU-48, and MK106 TR: TO 11A3-3-7										
23.6.2.1. Characteristics							A	B	-	-
23.6.2.2. Inspect							-	-	-	-
23.6.2.3. Assemble/disassemble							-	-	-	-
23.6.2.4. Maintenance							-	-	-	-
23.6.3. BDU-38/B, BDU-46/E TR: TOs 11N-PB(BDU 38B)-2; 11N-BP(BDU 46E)-2; 11A17-12-7										
23.6.3.1. Characteristics							-	-	-	-
23.6.3.2. Inspect							-	-	-	-
23.6.3.3. Assemble/disassemble							-	-	-	-
23.6.3.4. Maintenance							-	-	-	-
23.7. General purpose bombs										

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
23.7.1. M117, M117-AIR TR: TOs 11A1-2-7, 11A4-2-7, 11A4-3-7, 11A4-5-7, 11A5-8-7, 11A6-9-7, 11A6-10-7, 11A7-(series)										
23.7.1.1. Characteristics							A	B	-	-
23.7.1.2. Inspect							-	-	-	-
23.7.1.3. Assemble/disassemble TR: TO 11A-1-63							-	-	-	-
23.7.1.4. Maintenance							-	-	-	-
23.7.2. MK82, MK82-AIR TR: TOs 11A1-5-7, 11A4-2-7, 11A4-3-7, 11A4-5-7, 11A5-8-7, 11A6-9-7, 11A6-10-7, 11A6-13-7, 11A7-(series)										
23.7.2.1. Characteristics							A	B	-	-
23.7.2.2. Inspect							1b	-	-	-
23.7.2.3. Assemble/disassemble TR: TO 11A-1-63							2b	-	-	-
23.7.2.4. Maintenance							-	-	-	-
23.7.3. MK84, MK84-AIR TR: TOs 11A1-7-7, 11A4-2-7, 11A4-3-7, 11A4-5-7, 11A6-9-7, 11A6-13-7, 11A7-(series)										
23.7.3.1. Characteristics							A	B	-	-
23.7.3.2. Inspect							-	-	-	-
23.7.3.3. Assemble/disassemble TR: TO 11A-1-63							-	-	-	-
23.7.3.4. Maintenance							-	-	-	-
23.7.4. BLU-109/BLU-113 TR: TOs 11A1-11-7, 11A4-5-7, 11A6-9-7, 11A7(series)										
23.7.4.1. Characteristics							A	B	-	-
23.7.4.2. Inspect							-	-	-	-
23.7.4.3. Assemble/disassemble TR: TO 11A-1-63							-	-	-	-
23.7.4.4. Maintenance							-	-	-	-
23.8. Bombs, countermeasure and leaflet (MJU-1, M129 Series) TR: TO 11A3-2-7										
23.8.1. Characteristics							-	B	-	-
23.8.2. Inspect							-	-	-	-
23.8.3. Assemble/disassemble							-	-	-	-
23.8.4. Maintenance							-	-	-	-
23.9. Cluster Bombs CBU-87, 89, 97 (SUU-64/65 Dispensers) TR: 11A9-31-7										
23.9.1.Characteristics							A	B	-	-

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
23.9.2. Inspect							1b	-	-	-
23.9.3. Assemble/disassemble TR: TO 11A-1-63							2b	-	-	-
23.9.4. Maintenance							-	-	-	-
23.10. Bomb fuzes/sensors and components TR: TOs 11A4-(Series), 11A7-(Series), 11A16-(Series)										
23.10.1. Mechanical/electrical fuzes										
23.10.1.1. Classification							A	B	-	-
23.10.1.2. Application							A	B	-	-
23.10.1.3. Characteristics							A	-	-	-
23.10.1.4. Safety devices							A	B	-	-
23.10.1.5. Accessories							A	B	-	-
23.10.2. Proximity fuzes/sensors										
23.10.2.1. Classification							A	B	-	-
23.10.2.2. Application							A	B	-	-
23.10.2.3. Characteristics							A	-	-	-
23.10.2.4. Safety devices							A	B	-	-
23.10.2.5. Accessories							A	B	-	-
23.11. Airbase ground defense munitions TR: TOs 11A8-3-7, 11A8-5-7, 11A13-6-7, 11A13-10-7										
23.11.1. Small arms							A	B	-	-
23.11.2. Grenades							A	B	-	-
23.11.3. Mines							A	B	-	-
23.12. Pyrotechnics TR: TO 11A10-(series)										
23.12.1. Signal flares							A	B	-	-
23.12.2. Smoke producing munitions							A	B	-	-
23.12.3. Illuminating flares							A	B	-	-
23.12.4. SUU-25 series flare dispensers TR: TO 11A21-7-7										
23.12.4.1. Characteristics							A	B	-	-
23.12.4.2. Inspect/test							A	-	-	-
23.12.4.3. Load/unload							A	-	-	-
23.12.4.4. Maintenance/reconditioning							A	-	-	-

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
23.13. Characteristics of ammunition for cannon										
23.13.1. 20MM TR: TO 11A13-4-7							A	B	-	-
23.13.2. 25MM TR: TO 11A13-16-7							-	B	-	-
23.13.3. 30MM TR: TO 11A13-14-7							A	B	-	-
23.13.4. 40MM TR: TO 11A13-11-7							-	B	-	-
23.13.5. 105MM TR: TO 11A13-13-7							-	B	-	-
23.14. Demolition explosives characteristics TR: TOs 11A20-7-7, 11A20-8-7, 11A20-9-7, 11A20-10-7, 11A20-16-7							A	B	-	-
23.15. CAD/PAD characteristics TR: TOs 11A18-7-7, 11A18-13-7, 11P-1-7, 11P3-1-7, 11P4-1-7, 11P6-1-7							A	B	-	-
23.16. Chaff/flare and dispensing systems TR: TOs 11A16-7-7, 11A16-39-7, 11A16-40-7, 11A16-41-7, 11A16-46-7, 12P-4-88-2, 12P3-4-89-2										
23.16.1. Characteristics										
23.16.1.1. Dispenser							A	B	-	-
23.16.1.2. Countermeasure munitions							A	B	-	-
23.16.2. Load/unload							2b	-	-	-
23.16.3. Inspect/test							-	-	-	-
23.16.4. Maintenance							-	-	-	-
23.16.5. Inspect/Use Wrist Strap TR: TO 00-25-234							2b	-	-	-
24. GUIDED MUNITIONS TR: AFI 21-201; AFMAN 91-201										
24.1. Principles										
24.1.1. Guidance systems							A	B	-	-
24.1.2. Control systems							A	B	-	-
24.1.3. Armament systems							A	B	-	-
24.1.4. Propulsion systems							A	B	-	-
24.2. Laser guided bombs										
24.2.1. GBU-10 Series TR: TOs 11A7-(series), 11K10-2-7										
24.2.1.1. Characteristics							-	B	-	-
24.2.1.2. Assemble/disassemble TR: TO 11A-1-63							-	-	-	-
24.2.1.3. Maintenance							-	-	-	-
24.2.2. GBU-12 Series TR: TOs 11A7-(Series), 11K10-2-7										

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.2.2.1. Characteristics							-	B	-	-
24.2.2.2. Assemble/disassemble TR: TO 11A-1-63							-	-	-	-
24.2.2.3. Maintenance							-	-	-	-
24.2.3. GBU-24 series TR: TOs 11A7-(series), 11K20-2-7										
24.2.3.1. Characteristics							A	B	-	-
24.2.3.2. Assemble/disassemble TR: TO 11A-1-63							2b	-	-	-
24.2.3.3. Maintenance							-	-	-	-
24.2.4. GBU-27 series TR: TO 11K257-2-7										
24.2.4.1. Characteristics							-	-	-	-
24.2.4.2. Assembly/Disassembly TR: TO 11A-1-63							-	-	-	-
24.2.4.3. Maintenance							-	-	-	-
24.2.5. GBU-28 series TR: TO 11K28-2-7										
24.2.5.1. Characteristics							-	-	-	-
24.2.5.2. Assembly/Disassembly							-	-	-	-
24.2.5.3. Maintenance							-	-	-	-
24.2.6. Digital Test Set TTU-373A/E (GBU-10, -12, -24, -27) TR: TOs 33D5-24-16-(series)										
24.2.6.1. Characteristics							A	B	-	-
24.2.6.2. Prep for storage							-	-	-	-
24.2.6.3. Perform checkout							A	-	-	-
24.2.6.4. Perform user maintenance							-	-	-	-
24.3. Infrared/Electro-optically guided bombs										
24.3.1. GBU-15 TR: TOs 11A7-(series), 11K15 (Series)										
24.3.1.1. Characteristics							A	B	-	-
24.3.1.2. Assemble/disassemble							-	-	-	-
24.3.1.3. Maintenance							-	-	-	-
24.3.1.4. Support Equipment							-	-	-	-
24.3.2. AGM-130 series TR: TO 21M-AGM130-2										
24.3.2.1. Characteristics							A	B	-	-
24.3.2.2. Assemble/disassemble							-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.3.2.3. Maintenance							-	-	-	-
24.3.2.4. Support Equipment							-	-	-	-
24.3.3. Test Set, AN/GJM-64/65 (GBU-15, AGM-130) TR: TOs 11K15-2-7, 21M-AGM130-2, 33D5-24-14-1, 33D7-77-81-1										
24.3.3.1. Characteristics							-	B	-	-
24.3.3.2. Prep for use/storage							-	-	-	-
24.3.3.3. Perform post-use inspection/self-test							-	-	-	-
24.3.3.4. Checkout										
24.3.3.4.1. Target seeker							-	-	-	-
24.3.3.4.2. Guidance section/Target Detecting Device							-	-	-	-
24.3.3.4.3. Control section							-	-	-	-
24.3.3.4.4. Receiver/transmitter group							-	-	-	-
24.3.3.5. Perform user maintenance							-	-	-	-
24.4. INS/GPS guided weapons and test equipment										
24.4.1. Enhanced GBU-15 TR: TOs 11A6-14 (Series), 11A7-(series), 11K15-2-7										
24.4.1.1. Characteristics							-	-	-	-
24.4.1.2. Assemble/Disassemble							-	-	-	-
24.4.1.3. Maintenance							-	-	-	-
24.4.2. CBU-103, CBU-104, CBU-105 Wind Corrected Munitions Dispenser (WCMD) TR: 11A9-31-7										
24.4.2.1. Characteristics							-	-	-	-
24.4.2.2. Inspect							-	-	-	-
24.4.2.3. Assemble /Disassemble							-	-	-	-
24.4.2.4. Perform Test/Checkout							-	-	-	-
24.4.2.5. Maintenance							-	-	-	-
24.4.3. GBU-31/32 Series Joint Direct Attack Munition (JDAM) TR: TO 11K31-2-7, 11A7-(series)										
24.4.3.1. Characteristics							A	B	-	-
24.4.3.2. Inspect							-	-	-	-
24.4.3.3. Assemble/Disassemble							-	-	-	-
24.4.3.4. Perform Test/Checkout							-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.4.3.5. Maintenance							-	-	-	-
24.4.4. AGM-154 Joint Standoff Weapon (JSOW) TR: TO 21M-AGM154-2-1, 11A7-(series)										
24.4.4.1. Characteristics							A	B	-	-
24.4.4.2. Pack/Unpack							-	-	-	-
24.4.4.3. Inspect							-	-	-	-
24.4.4.4. Perform Checkout/Test							-	-	-	-
24.4.4.5. Maintenance							-	-	-	-
24.4.5. Common Munitions Bit Reprogramming Equipment (CMBRE) AN/GYQ-79 TR: TO 33D7-3-372-1										
24.4.5.1. Characteristics							A	B	-	-
24.4.5.2. Prep for use/storage							-	-	-	-
24.4.5.3. Perform checkout							1a/x	-	-	-
24.4.5.4. Perform operator maintenance							-	-	-	-
24.5. Air-to-Ground Missiles										
24.5.1. AGM-65/A, B, D, G; H, K, TGM-65 TR: TOs 21M-AGM 65-(series)										
24.5.1.1. Characteristics							A	B	-	-
24.5.1.2. Inspect							1b	-	-	-
24.5.1.3. Assemble/disassemble (HAS/G&C)							-	-	-	-
24.5.1.4. Maintenance							-	-	-	-
24.5.1.5. Load LAU-88, MHU-114/E, MHU-115/E, ADU-516/E							-	-	-	-
24.5.1.6. Test Set AN/DSM-157 TR: TO 33D9-54-62-1										
24.5.1.6.1. Characteristics							A	B	-	-
24.5.1.6.2. Prep for use/shipment							-	-	-	-
24.5.1.6.3. Perform missile checkout							1b	-	-	-
24.5.1.6.4. Perform cluster checkout							-	-	-	-
24.5.1.6.5. Perform operator maintenance							-	-	-	-
24.5.1.7. AN/DSM-129 Target Simulator TR: TO 33D9-61-39-1										
24.5.1.7.1. Characteristics							-	B	-	-
24.5.1.7.2. Prep for use/ storage							-	-	-	-
24.5.1.7.3. Checkout										

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.5.1.7.3.1. AGM-65A							-	-	-	-
24.5.1.7.3.2. AGM-65B							-	-	-	-
24.5.1.7.4. Perform operator maintenance							-	-	-	-
24.5.1.8. SM 787/DSM Target Simulator (IR) TR: TO 33D9-14-70-1										
24.5.1.8.1. Characteristics							A	B	-	-
24.5.1.8.2. Prep for use/storage							-	-	-	-
24.5.1.8.3. Checkout										
24.5.1.8.3.1. AGM-65D							1b	-	-	-
24.5.1.8.3.2. AGM-65G							-	-	-	-
24.5.1.8.3.3. AGM-65H							-	-	-	-
24.5.1.8.3.4. AGM-65K							-	-	-	-
24.5.1.8.4. Perform operator maintenance							-	-	-	-
24.5.2. AGM-88 series TR: TOs 21M-AGM 88-(series)										
24.5.2.1. Characteristics							A	B	-	-
24.5.2.2. Inspect							-	-	-	-
24.5.2.3. Assemble/disassemble							-	-	-	-
24.5.2.4. Maintenance							-	-	-	-
24.5.2.5. Test Set AN/GSM-396 TR: TO 33D9-45-42-1										
24.5.2.5.1. Characteristics							-	B	-	-
24.5.2.5.2. Prep for use/shipment							-	-	-	-
24.5.2.5.3. Perform checkout							-	-	-	-
24.5.2.5.4. Perform operator maintenance							-	-	-	-
24.6. Air-to-Air Missiles										
24.6.1. AIM-7M TR: TOs 11A15-1-267, 21M-AIM 7M-(series), 33D5-14-20-1, 33D5-14-44-1										
24.6.1.1. Characteristics							A	B	-	-
24.6.1.2. Inspect							-	-	-	-
24.6.1.3. Assemble/disassemble							-	-	-	-
24.6.1.4. Maintenance							-	-	-	-
24.6.1.5. Test Set AN/DSM-162 TR: TO 33D9-30-36-1										

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	-
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.6.1.5.1. Characteristics							-	B	-	-
24.6.1.5.2. Prep for use/storage							-	-	-	-
24.6.1.5.3. Perform checkout							-	-	-	-
24.6.1.5.4. Perform operator maintenance							-	-	-	-
24.6.1.5.5. Perform no voltage test							-	-	-	-
24.6.2. AIM/CATM/DATM-9M, -9X TR: TOs 21M-AIM9M-2, 21M-AIM9X-2, 33D5-14-20-1, 33D5-14-44-1, 33D9-1-432										
24.6.2.1. Characteristics							A	B	-	-
24.6.2.2. Inspect							1a	-	-	-
24.6.2.3. Assemble/disassemble							1a	-	-	-
24.6.2.4. Maintenance							-	-	-	-
24.6.2.5. Test Set TS-4044A/D; AN/GYQ-79 CMBRE TR: TOs 33D9-54-67-1, 33D7-3-372-1										
24.6.2.5.1. Characteristics							A	B	-	-
24.6.2.5.2. Prep for use/storage							-	-	-	-
24.6.2.5.3. Perform checkout							1a	-	-	-
24.6.2.5.4. Perform operator maintenance							-	-	-	-
24.6.2.6. GCU-30/E Recharging Unit TR: TO 35D18-5-1										
24.6.2.6.1. Characteristics							A	B	-	-
24.6.2.6.2. Prep for use/storage							-	-	-	-
24.6.2.6.3. Perform purge/shutdown							-	-	-	-
24.6.2.6.4. Operate							1a	-	-	-
24.6.2.6.5. Perform operator maintenance							-	-	-	-
24.6.3. AIM-120 series TR: TO 21-AI120A-2										
24.6.3.1. Characteristics							A	B	-	-
24.6.3.2. Inspect							-	-	-	-
24.6.3.3. Maintenance							-	-	-	-
24.6.3.4. Test Set TS-4108/G; AN/GYQ-75A CFMRE TR: TOs 33D9-30-38-1; 33D9-53-108-1										
24.6.3.4.1. Characteristics							-	B	-	-
24.6.3.4.2. Prep for use/storage							-	-	-	-
24.6.3.4.3. Perform checkout							-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Task	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	-
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE: Number in column 2 indicates skill level core task										
24.6.3.4.4. Perform operator maintenance							-	-	-	-

SUMMARY OF CHANGES

Merged CFETP Change 1 with CFETP. Deleted CAS-B AFJQS and placed specific CAS-B items into STS paragraphs 11 and 13. References to the CAS-B AFJQS were also removed. Updated CAS System Operations (STS paragraph 11) to reflect new server. Added new weapons systems/test equipment to STS paragraphs 23 and 24. Deleted underutilized equipment from STS paragraphs 21 through 24. Deleted non-career field specific/ancillary items from STS. STS paragraph 24 was reorganized to accommodate INS/GPS guided weapons. Proficiency codes in column 4A and 4B were added or deleted from some areas based on the need to continue or discontinue teaching these tasks in the schoolhouse/CDC. Core task table was updated and expanded. Training course index was expanded to include many of the new courses available to 2W0s worldwide. Several other minor corrections, additions, and deletions were made. Where information was available, training references were also updated. Errors that were carried forward into CFETP Change 1 were also corrected. Added Air Force Job Qualification Standard (AFJQS), Section F, pertains to AFSC 2W0X1 personnel performing full time Weapons Safety Manager duties.

Section B - Core Task Table

The core task table will be used to identify mandatory training for upgrade to 5 level and 7 level. Use the task paragraph number located in the 5 level and 7 level column to identify all core task requirements within each functional area. Duplication of core task requirements between functional areas does not require recertification. The Munitions Flight Chief will identify additional tasks for each functional area, based on mission specific requirements that are mandatory for upgrade to the 5- and 7-skill level.

<u>FUNCTIONAL AREA</u>	<u>5 LEVEL</u>	<u>7 LEVEL</u>
Munitions Inspection	2.3.4.1., 7.1.4., 7.1.6., 7.2.5., 15.2.1.-15.2.7., 15.3., 15.4., 15.7., 15.8.1., 15.8.3., 16.5., 16.10.	15.5.1. - 15.5.3., 15.6.
Conventional Munitions Maintenance	2.3.4.1., 7.1.4., 7.1.6., 8.7.1.1., 8.7.1.2., 8.7.4., 15.3., 16.5., & 16.10.	8.7.1.3., 10.1.9.
Precision Guided Munitions Maintenance	2.3.4.1., 7.1.4., 7.1.6., 8.7.1.1., 8.7.1.2., 8.7.4., 15.3., 16.5., 16.10., & 19.2.	8.7.1.3., 8.9.2., & 10.1.9.
Munitions Control	2.3.4.1., 8.12., 10.1.3., 10.1.7., 10.1.11., 10.3.2., 10.3.3.1., 10.3.4., & 10.3.8.	8.10.1., 8.10.3., 10.1.1., 10.1.9., 10.1.10., 10.3.3.2., 10.3.3.3., & 10.3.7.
Handling/Line Delivery	2.3.4.1., 7.1.4., 7.1.6., 8.7.1.1., 8.7.1.2., 8.7.4., 16.5., 16.10., 21.1.1. - 21.1.4.	8.7.1.3., 10.1.1.
Munitions Storage	2.3.4.1., 7.1.4., 7.1.6., 16.5., 16.6., 16.7.3., 16.7.6., 16.8., 16.10., 16.12., 21.1.1., 21.1.2., & 21.1.4.	16.7.7., 16.7.8.
Munitions Operations	2.3.4.1., 7.1.6., 7.2.5., 7.2.8., 12.2.2. - 12.2.7., 12.2.11., & 12.2.12.	12.2.1., 12.2.9., 12.2.10., 12.3., 12.4., & 12.8.
Munitions Support Equipment Maintenance	7.1.4., 7.1.6., 7.2.5., 8.7.1.1., 8.7.1.2., 8.7.4., 15.3., 19.1., & 19.2.	8.7.1.3.
Combat Ammunition System - Base (CAS-B) Administration	11.2.3., 11.3.1., 11.3.3., 11.3.4., 11.4.1., 11.4.3., 11.4.6.1. - 11.4.6.3.	11.2.1., 11.2.2., 11.4.4.
Staff Positions: E.g. Munitions Flight Combat Plans, Mobility and Training Standardization, Quality Assurance, Weapons Safety, Instructor (FTD, Tech. School, AFCOMAC), MAJCOM/NAF Positions, System Program Office Munitions Positions	As required by position	As required by position

Section C - Support Materiel

10. NOTE: This area is reserved.

Section D - Training Course Index

11. Purpose. This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

12. Air Force In-Residence Courses.

<https://etca.keesler.af.mil>

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>USER</u>
J3ABR2W031 005	Munitions Systems Apprentice	SHEPPARD	ALL
J3ABR2W051 003	CAS-B Administrator	SHEPPARD	ALL
J3AZR2W051 000	Munitions Inspection	SHEPPARD	ALL
J4AST2W051 000	Munitions Inspection	MTT ON SITE	ALL
PACAF Seminar	Munitions Inspection	ON SITE	PACAF
J3ACR2W071 002	Munitions Systems Craftsman	SHEPPARD	ALL
L3AZR2W071 001	Weapons Safety	LACKLAND	ALL
J4AMF/ASF/AST 2W0X1-013	AIM-7M	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-009	AIM-9M Munitions System Tech	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-018	GBU-15V, B TV, IR Munitions System Tech	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-022	Joint Direct Attack Munition (JDAM) Intermediate Maintenance	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-023	AGM-154A/B Joint Standoff Weapon	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-019	AGM-88B&C Munitions System Tech	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-020	AGM-65, A, B, D Munitions System Tech	FTD/AETC	CAF
J4AMF/ASF/AST 2W0X1-021	AGM-130(TV/IR) Munitions System Tech	FTD/AETC	CAF
HQ USAFE/LGWN/ 2WXX-WS3	Weapons Storage &Security System (WS3) Advanced Troubleshooting	Ramstein AB, Germany	USAFE
ACC AFCOMAC	Combat Ammunition Planning and Production	9 MUNS BEALE AFB	ALL

U.S. Army Defense Ammunition Center and School

<http://www.dac.army.mil/AS/cvrcatalog.html>

Note: Course numbers subject to change. Check above link and CFETP OPR for most current data.

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>TYPE</u>	<u>LENGTH</u>
J5AZA2W071-012	Technical Transportation of Materials (AMMO-62)	RES	10 days
J5AZA2W091-000	Ammunition Capstone (AMMO-3)	RES	10 days
J5AZA2W071-017	Conventional Ammunition Radiation Hazards (AMMO-27)	RES	3 days
J5AZA2W071-013	Intermodal Dry Cargo Container Re-inspection (AMMO-43)	RES	3 days
J5AZA2T051-000	Naval Motor Vehicle & Railcar Inspection (AMMO-51)	RES	5 days

Air Force Institute for Advanced Distributed Learning (AFIADL) Courses

<http://www.maxwell.af.mil/au/afiadl/>

<u>COURSE</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>USER</u>
2W051	Munitions Systems Journeyman	AFIADL	2W031 in UGT/WAPS Study Reference
2W071	Munitions Systems Craftsman	AFIADL	2W051 in UGT/WAPS Study Reference

Exportable Courses

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>USER</u>
C6AGM00TIV32K3	A/E 32K-3 Munitions Assembly Conveyor (MAC)	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 5 & 7lv1
C6ANU00TIV6000	Combat Ammunition System (CAS-D) Deployed 6.0	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 5 & 7lv1
C6ANU00TIV7501	GBU-15/AGM-130 Build-Up Procedures	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 5 & 7lv1
C6ANU00TIV7502	GBU-15/AGM-130 Functional Testing Procedures	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 5 & 7lv1
C6ANU00TIV7500	AN/GJM-64 Test Set Operations	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 5 & 7lv1
C6AGM00CCB7510	Explosives Safety Program	http://www.hill.af.mil/367TRSS/findex.htm	2W0X1 Personnel
J6AZU00066-061	Core Automated Maintenance System (Cams) Operator's Course (Introduction)	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel

J6AZU00066-058	Core Automated Maintenance System	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6AZU00066-059	Core Automated Maintenance System (Cams) (781 Automated Forms)	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6AZU00066-062	Core Automated Maintenance System (Cams) Mid-Level Maintenance Managers	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6AZU00066-063	Core Automated Maintenance System Core Automated Maintenance System	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6ANU00066-038	Air Force Technical Order System (General)	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6ANU00066-039	Air Force Technical Order System (Advanced)	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
J6ANU2A6X2-009	Trucklift, Munitions Handling	https://webi.sheppard.af.mil/82trg/82trss/ttc/default.htm	2W0X1 Personnel
C6AGU00TIV7550	Munitions Accountable Systems Officer	http://www.hill.af.mil/367TRSS/findex.htm	Senior munitions managers and selected officers assigned to MASO duties (Not a mandatory training course, informational use only)

Courses Under Development/Revision

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>LOCATION</u>	<u>USER</u>
TBD	CAS-B Users	SHEPPARD	ALL
TBD	Munitions Operations	SHEPPARD	ALL
TBD	Munitions Accountable Systems Officer (MASO)	SHEPPARD	ALL MASOs

Section E - MAJCOM-Unique Requirements

13. NOTE: There are currently no MAJCOM-unique requirements. This area is reserved.

Section F - Air Force Job Qualification Standard

DEPARTMENT OF THE AIR FORCE
Headquarters, United States Air Force
Washington DC 20330-1030

AFJQS 2W0X1-001
1 Dec 2001

Weapons Safety Manager (Support Module)

1. This Air Force Job Qualification Standard (AFJQS) pertains to AFSC 2W0X1 Active, AFRC, and ANG personnel performing Weapons Safety Manager duties. The AFJQS will be filed in the AF Form 623 or AF Form 623B, and will be used in conjunction with the 2W0X1, Munitions Systems Journeyman and Craftsman STS. This AFJQS will remain in effect until superseded or rescinded, regardless of the date of the 2W0X1, Munitions Systems Journeyman and Craftsman STS.
2. Section supervisors must identify the weapons safety manager tasks that their sections perform in this AFJQS.
3. Technical references may be added/deleted as required.

1. Tasks, Knowledge And Technical References	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
	Tasks	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
NOTE: Number in column 2 indicates skill level core task		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
1. PROGRAM MANAGEMENT AND WEAPONS SAFETY PROCEDURES TR: AFI 91-202, AFI 91-204, AFMAN 91-201, AFI 90-901, 00-35D-54, 00-5-1, T.O. 11A-1-46										
1.1. Identify basic facts about history, and organization							-	-	-	-
1.2. Identify applicable standards							-	-	-	-
1.3. Evaluate hazards and recommend corrective action							-	-	-	-
1.4. Develop/review local publications (e.g. O.I.'s, lessons plans, support agreements)							-	-	-	-
1.5. Determine role in meetings, councils and boards							-	-	-	-
1.6. Determine/develop and conduct training for ADWSR							-	-	-	-
1.7. Determine and apply mishap prevention techniques							-	-	-	-
1.8. Identify risk management actions							-	-	-	-
1.9. Identify external inspections/evaluations							-	-	-	-
1.10. Determine requirements for internal inspections							-	-	-	-
1.11. Determine mishap classification and category							-	-	-	-
1.12. Apply mishap investigation techniques							-	-	-	-
1.13. Prepare a mishap report							-	-	-	-
2. EXPLOSIVE SAFETY PRINCIPLES TR: AFI 91-205										
2.1. Determine inspections requirements for operations, storage and serviceability of munitions.							-	-	-	-
2.2. Determine and identify storage methods for licensed locations.							-	-	-	-
2.3. Prepare/process an explosive facility license.							-	-	-	-
2.4. Determine and identify safety requirements for transporting munitions.							-	-	-	-
2.5. Determine weapons safety requirements for flightline munitions operations							-	-	-	-
2.7. Determine EMR hazards effecting munitions operations							-	-	-	-
3. QUANTITY-DISTANCE CONCEPTS										
3.1 Determine required Q/D separations							-	-	-	-
3.3. Identify requirements for explosive siting							-	-	-	-
3.4. Determine and identify weapons safety requirements for weapons and disposal ranges							-	-	-	-
3.5. Prepare and review site plan packages							-	-	-	-
3.6. Identify requirements for explosive exceptions							-	-	-	-
3.6.1. Prepare a deviations request							-	-	-	-
3.6.2. Prepare a waiver/exemption request							-	-	-	-

	2. Core	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided			
1. Tasks, Knowledge And Technical References	Tasks	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
NOTE: Number in column 2 indicates skill level core task		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
3.8. Prepare an exception request							-	-	-	-
3.9. Identify weapons safety requirements for contingencies							-	-	-	-
4. NUCLEAR SURETY CONCEPTS TR: AFI 91-101, AFI 91-103, AFI 91-104, AFI 91-108, AFI 91-111/112/113/114/115/116, AFMAN 91-118, AFI 91-204 T.O 00-110N-16 T.O 11A-1-46.										
4.1. Identify applicable nuclear surety standards							-	-	-	-
4.1. Identify responsibilities in the Personnel Reliability Program.							-	-	-	-
4.2. . Identify responsibilities in the Tamper Detection Program							-	-	-	-
4.3. . Identify responsibilities in the Nuclear Certification Program							-	-	-	-
4.4. Identify basic facts about Weapons System Safety Rules							-	-	-	-
4.5. Determine and identify safety requirements when transporting nuclear weapons							-	-	-	-
4.6. Determine and identify radiation safety requirements							-	-	-	-
4.7. Nuclear Weapon reporting system							-	-	-	-
4.7.1 Prepare/track nuclear weapon safety deficiency reports							-	-	-	-
4.7.2 Prepare/track nuclear weapon accident/incident reports							-	-	-	-
4.8. Identify other nuclear reports and reporting requirements							-	-	-	-
4.9. Identify nuclear security requirements							-	-	-	-
4.10. Identify basic facts and terms about liquid and solid propellant missiles							-	-	-	-
4.11. Identify requirements of nuclear surety inspections							-	-	-	-
4.12 Perform Nuclear certification verification							-	-	-	-
4.13 Identify base SAFE HAVEN procedures							-	-	-	-